

The



# CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

JULY 12 1958



You already know

## 'BROLENE'

trade mark

brand

DIBROMOPROPAMIDINE ISETHONIATE

## EYE OINTMENT

for the treatment of blepharitis, acute and chronic conjunctivitis and the prevention and treatment of superficial eye infections—

*Supplied in 5 g. tubes.*



and now— we introduce

## 'OTAMIDYL'

trade mark

brand

ANTIBACTERIAL / ANTI FUNGAL

## EAR DROPS

for the treatment of otitis externa and of chronic suppurative otitis media.

'Otamidyl' contains dibromopropamidine isethionate 0.15% w/v and diamidinodiphenylamine dihydrochloride 0.5% w/v in a water-miscible organic solvent and is intended for topical application.

*'Otamidyl' is supplied in dropper bottles of 15 c.c.*



MANUFACTURED BY  
MAY & BAKER LTD.

# ● GALENICALS

of the B.P., B.P.C. and N.F., including:—



**SMITH  
OF EDINBURGH**



## EXTRACTS

Cascara, Liquorice, Ipecacuanha, Nux Vomica,  
Opium — liquid and or dry, where applicable.

## INFUSIONS

Concentrated infusions of Gentian, Orange Peel,  
Senna, Senega, Valerian,

## LINCTUSES

Codeine, Diamorphine, Opiate Linctus of Squill,  
Pholcodine.

## TINCTURES

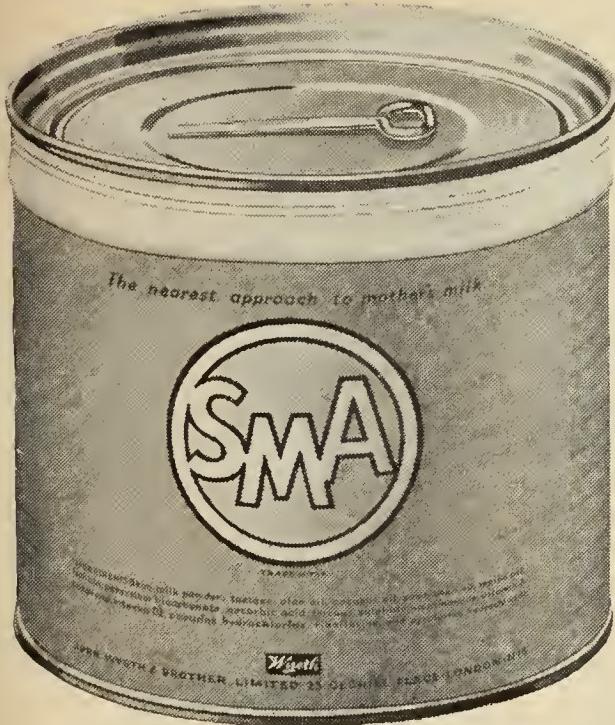
Belladonna, Benzoin, Chloroform and Morphine,  
Ipecacuanha, Opium, Stramonium.

## SYRUPS

Cocillana, Codeine, Compound Syrup of Figs,  
Easton's, Pholcodine Citrate, Senna, Squill.



T. & H. SMITH LTD · BLANDFIELD CHEMICAL WORKS · EDINBURGH II



**S-M-A**

**is the trouble-free  
infant food**

*Not only does S-M-A provide the bottle fed infant with a complete, natural-balance diet, it gives you a trouble-free selling line with a higher profit per tin.*

*Note these important points for you*

- 1** A profit of 1/9d. on every tin you sell.
- 2** Unlimited shelf-life. S-M-A is packed under nitrogen in sealed tins.
- 3** Only one strength of food. No stock duplication problems.
- 4** Ethical promotion and distribution through the chemist.
- 5** Comprehensive point-of-sale material available on request.

PACKS :

1 lb. tins. Retail price 9/- (less than 1d. per oz. of prepared food)

***The nearest approach to mother's milk***

**SMA**

*trade mark*

JOHN WYETH & BROTHER LIMITED, CLIFTON HOUSE, EUSTON ROAD, LONDON, N.W.1

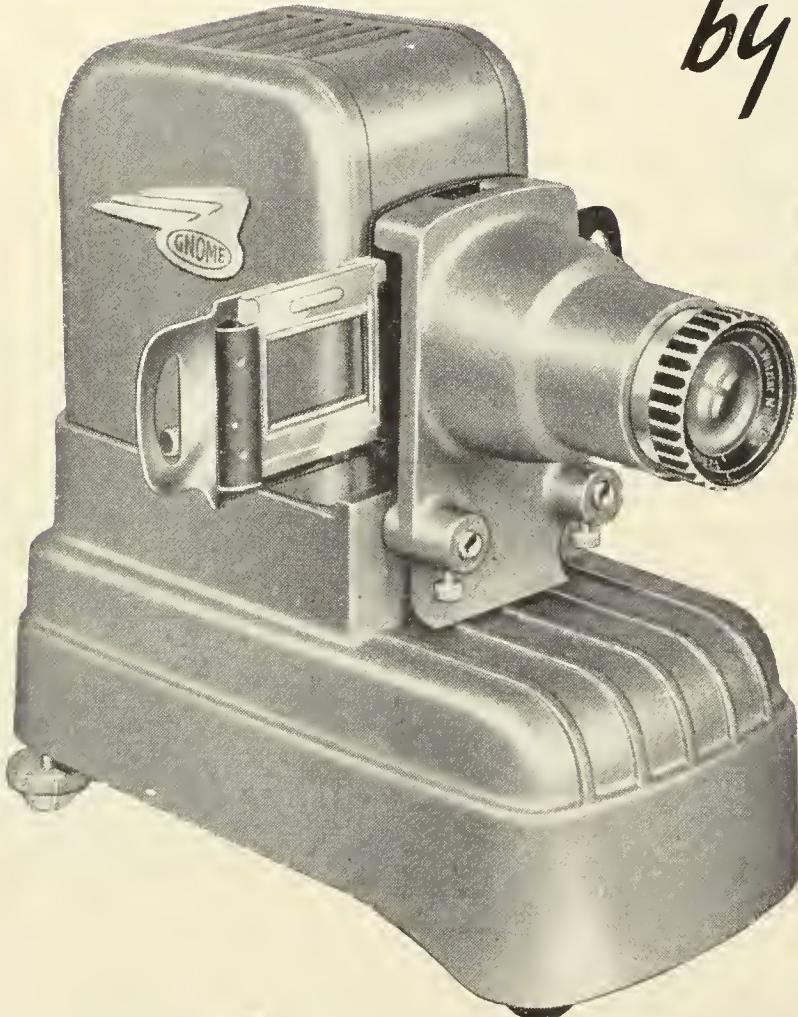
The

New

# ALPHAX

35mm. PROJECTOR

by



**It's  
Good**

BOOST your 35mm. Projector sales with this latest Gnome product. Produced by the design team that give you the Alpha/Beta range of popular enlargers the ALPHAX represents the finest value in the 1958 projector market. Order your stocks today and tie-up with the extensive advertising campaign commencing with the initial double page spread in the Amateur Photographer of July 16th.

### BRILLIANT



With revolutionary new twin-bar construction, ensuring utmost efficiency of the 300 watt lamp, Aspheric condenser system and fully coated f/2.8 lens, the ALPHAX illumination is outstanding.

### COOL



The exceptionally efficient blower, displacing more than 500 feet of air per minute, diverts a cooling stream of air over the surface of the transparency thus ensuring complete safety of operation under all conditions. Chance glass ON21 heat filter is fitted as standard.

### CRISP



Crystal clear edge to edge definition is provided by the well known Gnome Wilon f/2.8 fully corrected projection lens which is coated on all surfaces.

Ample supplies of counter leaflets and show-cards are available on request.

The ALPHAX can be supplied with the Airequipt automatic slide changer if required.

300 or 500 Watt !

To convert to 500 watt simply insert an extra heat filter and change the lamp.

PRICE, with 100mm. f/2.8 Gnome Wilon coated lens

**£18.17.6**

Carrying Case

**£1.19.6**

300 watt Lamp, extra

**£1.13.0**

Also available with 85mm. Gnome Wilon f/2.8 lens, price as above.

GNO~~M~~ME PHOTOGRAPHIC PRODUCTS LTD., 354 CAERPHILLY ROAD, CARDIFF

# Important announcement!

As from 1st July  
the manufacture and distribution  
of all CAMILATONE products  
have been taken over by  
**F. W. Hampshire & Co. Ltd.,**  
manufacturers of  
**Loxene Medicated Shampoo**  
and other well-known toilet, beauty  
and medicinal preparations.

The important news for retailers emerging from this development, is that there will be heavy national advertising for CAMILATONE products—especially the world-famous colour rinse, Tōnrinz—and greatly improved contact between the manufacturer, the wholesaler and the retailer.

**TŌNRINZ HAIR COLOUR RINSE**  
(in nine beautiful shades)

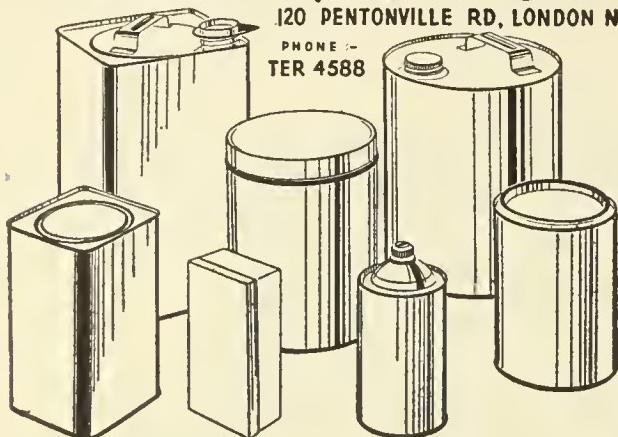
**CAMILATONE TWIN PACK**

**CAMILATONE SYNTHETIC HENNA-CREAM**

All Trade Enquiries should be made to:  
**F. W. Hampshire & Co. Ltd., Sunnydale, Derby**  
Telephone Derby 22202

# HAWKER & CO.

120 PENTONVILLE RD, LONDON N.1

PHONE -  
TER 4588

ESTABLISHED 1793

## ATKINSON & BARKERS INFANTS' PRESERVATIVE

The Infants' Medicine  
of 150 years' standing

For teething and digestive troubles

ROBERT BARKER & SON LTD  
13 ALISTAIR STREET MANCHESTER, I

## POTASSIUM NITRATE

Double Refined

99.5/100% KNO<sub>3</sub> White Small CrystalsAMMONIUM BICARBONATE Edible,  
about 21.5% NH<sub>3</sub> White Small Crystals

SODIUM NITRITE Technical

99/100% NaNO<sub>2</sub> White Small CrystalsTRI- and DI-SODIUM PHOSPHATE Technical  
crystalline powder 18/20% P<sub>2</sub>O<sub>5</sub>

## MEPROBAMATE CMS

(Codex Med. Scandinavicus)

As manufacturers' sole distributors for chemicals,  
solvents and pharmaceutical raw materials we invite  
your enquiries.

## LARS CHRISTENSEN (Est. 1914)

COPENHAGEN F. DENMARK. Peter Bangsvej 35

Cables: Archri Copenhagen—Telex: 233S. Tel: Godthaab 4005 (4 lines)

Affiliated company: LARS CHRISTENSEN,  
Berlin-West, Kurfürstendamm 157/158  
Telephone: 97 87 56—Telex: 018 3214



STANDARD SIZE (Approx. 5" x 3½" x 1½") Retail Price 2/11  
LARGE SIZE (Approx. 5½" x 3¾" x 1¾") Retail Price 3/11  
USUAL DISCOUNTS

Each Sponge in a 3-coloured transparent sleeve—Each dozen in 4-coloured show carton—12 dozens in Cardboard Box.

Obtainable from YOUR USUAL WHOLESALER or contact  
FLETCHER & FARLOW LTD., Finsbury Court,  
Finsbury Pavement, London, E.C.2. Tel: MONArch 6810

"SYNOFOAM SUPER" SELLS ON SIGHT!

## NOW is the time to stock LUSH SOLUBLE FERTILIZER

BIG ADVERTISING CAMPAIGN NOW  
RUNNING

don't miss this EXTRA profit.

Sole U.K. distributors: KAY BROTHERS LTD., STOCKPORT  
Manufactured by:  
LUSH-GREEN PRODUCTS LTD., LUTON, BEDS.

## Victory V LOZENGES AND GUMS



for cold journeys

VICTORY FACTORIES, NELSON, LANCASHIRE.

## THE MARIE CURIE MEMORIAL FOUNDATION

One of the main objects of this Foundation is to provide the public with information about cancer, its prevention, and the care of a patient. This voluntary organization has prepared a series of twelve leaflets for this purpose which can be obtained by application to:

The Secretary  
Education and Welfare Sub-committee  
124 Sloane Street, London, S.W.1  
(Tel: SLOane 1095)

Any pharmacist who may be interested in assisting the Foundation by distributing an "Introductory Leaflet," giving details of the information available, is cordially invited to communicate with the Secretary.

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## GLAXO LABORATORIES

*Leading producers of*

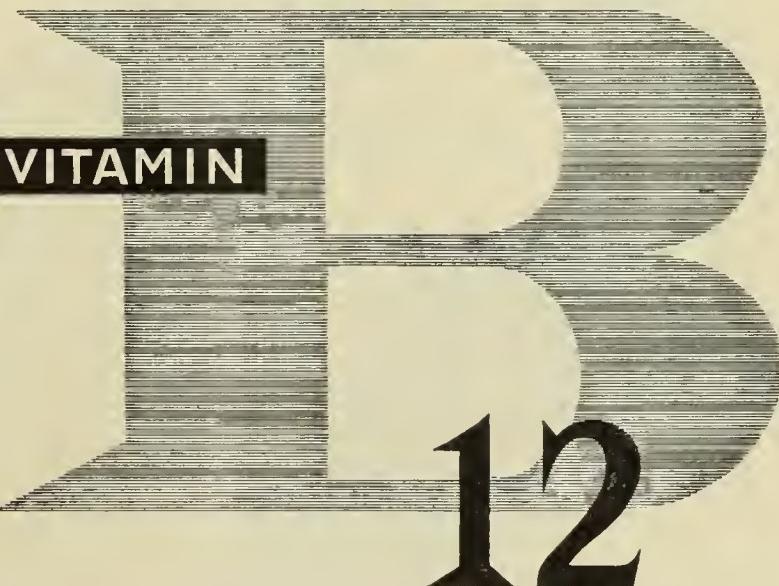
**VITAMIN**

OFFER

**PURE CRYSTALLINE SUBSTANCE**

**B<sub>12</sub> TRITURATES**

**B<sub>12</sub> SOLIDS**



**FOR ALL PHARMACEUTICAL PURPOSES**

Pure—stable—high biological activity

\* Produced by *streptomyces griseus* fermentation



BULK SALES DEPARTMENT, GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BYRON 3434

Subsidiary Companies or Agents in most countries

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**Bronnley**
  
**BRONNLEY AGENTS**
  
*Give your Sun Tan Sales a  
healthy complexion with*
  
**BRONNLEY SUN TAN OIL**

BRONNLEY  
 LONDON W3

Compounded on Continental lines to promote  
 a glorious tan, with the added safety of skin  
 emollients and an insect repellent to ward off  
 bites and stings.  
 Apart from home seasonal trade bottles are  
 just right for packing when going abroad.



# Placing a big order?



## Make sure it's advertised in the Daily Mail

A big order can involve you in a big risk — unless the goods are properly advertised. So you'd better ask this beforehand: "*Is the Daily Mail on the advertising schedule?*"

It's important. If the answer's Yes, you can stock up a new line quite happily. Because your best customers, the steady, dependable ones, your bread and butter trade, tend to be Daily Mail readers. You may have noticed it yourself.

If they see anything advertised in the Daily Mail, they know they can trust it. The Daily Mail vets its advertisements very carefully. And if a genuine complaint comes in about anything it advertises, the Daily Mail will *get the customer's money back*. Or make the refund itself. That sort of thing has built up a lot of confidence over the years.

So do make sure your lines are advertised in the Daily Mail.

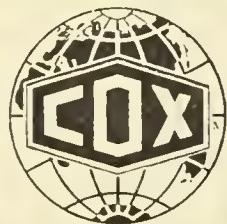
**YOUR BEST CUSTOMERS READ THE DAILY MAIL**

*Counter lines that keep custom*

# CHILDREN'S Orange Flavoured SOLUBLE ASPIRIN TABLETS

**10 attractive packaging styles  
supported by unique counter display material**

If you are not familiar with this successful line—  
*please write for terms and sample*



ARTHUR H. COX & CO. LTD

Manufacturing Chemists

for nearly 120 years

BRIGHTON

ENGLAND

**HERE IT IS! THE SENSATIONAL**

# ADWEL.

ADDING/LISTING MACHINE

**'Minor A' £29 10s.**

**POST TODAY** For descriptions of models with subtraction and over-drive capacity up to £999,999 19s. 11d. Electrical or manual operation—Sterling or decimal.

ADWEL ADDING MACHINES DEPT. C.D.  
20 Pall Mall, London, S.W.1. Tel: TRA 2203 4  
PLEASE SEND IMMEDIATELY FULL DETAILS OF ALL ADWEL ADDING/LISTING MACHINES

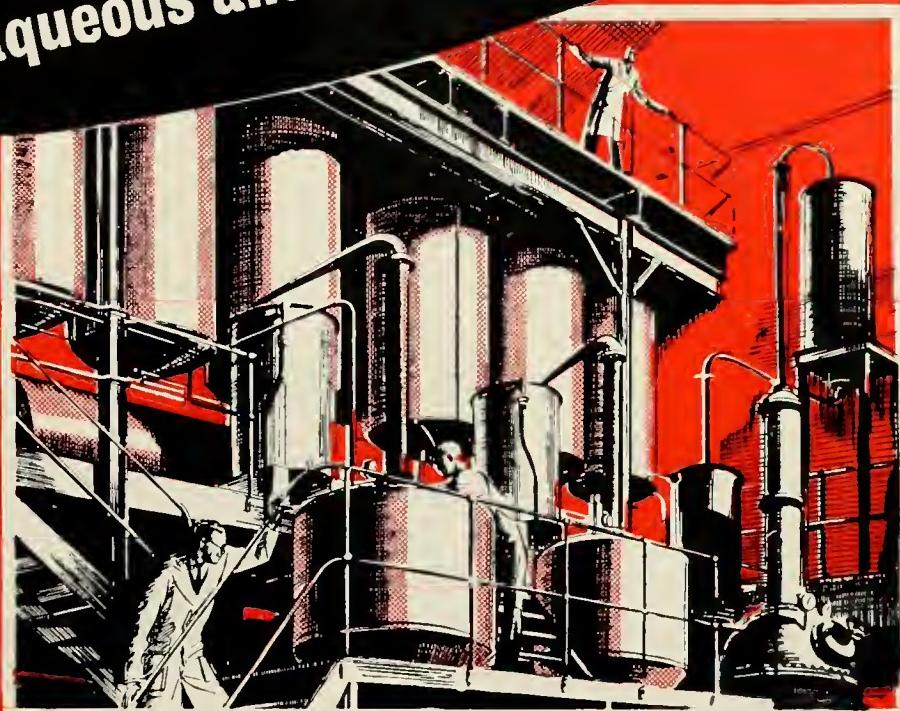
Name.....

Address .....



OBtainable  
From All  
First Class  
Office Equipment  
Establishments

A natural raw material  
**EXTRACTION SERVICE**  
 aqueous and solvent



Many product formulæ contain extracts of natural products, such as drug, herb or spice extract, but, unless tonnage is really large, it is seldom economic to install special extraction plant for individual lines.

We have been extracting a very wide range of raw materials for nearly a century and have available a large and comprehensive plant, together with great experience in this work. In addition to extracting and marketing our own range of high quality drug and other extracts, we undertake the extraction of customers' materials to their own specification. Thus we can place at your disposal a suitable plant for extracting your materials—whether by the hundredweight or ton.

WE OFFER YOU OUR EXTRACTS AND OUR EXTRACTION SERVICE, FULL PARTICULARS OF WHICH WILL GLADLY BE GIVEN ON HEARING FROM YOU



STAFFORD ALLEN & SONS LTD.  
 WHARF ROAD, LONDON, N.1

Telephone: CLERkenwell 1000  
 Telegrams: 'Stafalens, Nordo,  
 London'  
 Cables: Stafalens, London

**StaffordAllenS**  
 NATURAL RAW MATERIAL  
 EXTRACTION SERVICE

# NEW BRISTOW'S



The new formula Bristow's Lanolin Cream Shampoo in sachets has been a smash hit. Sales are soaring — and now comes this new un-crushable polythene tube pack as an appealing addition to the range. This handsome and so-practical new-style tube is being backed by heavy advertising support. At 3/-\* this tube is the tops in value—just as new Bristow's is tops for glorifying dry hair. Stock it—display it—it will sell itself!



\* NOTE: The retail selling price of the New Bristow's Lanolin Liquid Shampoo bottle is now 3/-

*Use this colourful display outer to multiply your sales*



**NEW**

**LARGE UNCRUSHABLE  
POLYTHENE TUBE**

FOR **3/-**



**Stock up now!**

*Standard terms for tube and  
bottle:— 21/6d per dozen plus P.T.  
Usual display terms apply.*



## New Bristow's Lanolin Shampoos

COUNTY LABORATORIES LTD · HONEY POT LANE, STANMORE, MIDDX · WORDSWORTH 4321

***It's not the same  
without the SWEDISH name!***

# 'LARSON'S' VITAMIN-FORTIFIED SWEDISH MILK DIET

**LARSON'S**, the Swedish name, stands for *quality* in Swedish Milk Diet. Cheap substitutes are a false economy—so sell your customers **LARSON'S** every time. Remember, you make a handsome profit on each pack.

FORMULA

1 OUNCE OF GRANULES CONTAINS:

Vitamin A	1000 I.U.
Vitamin B <sub>1</sub>	1 mg.
Vitamin B <sub>2</sub>	1 mg.
Vitamin B <sub>6</sub>	0·1 mg.
Glucose	7 grms.
Citric Acid	140 mg.
Vitamin D	200 I.U.
Calcium Pantothenate	1 mg.
Nicotinamide	5 mg.
Di-calcium Phosphate	10·9 grms.
Guar Flour	10 grms.



**EVERYONE PROFITS FROM LARSON'S**

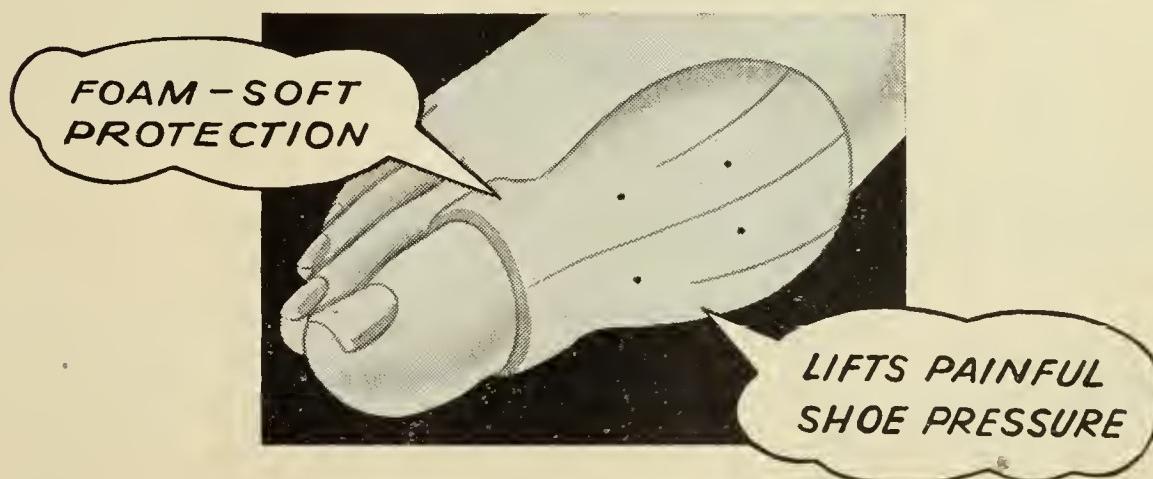
Your customers profit by the results and soon come back for more. On every sale you make:

**2/6 PROFIT on each 7/6 pack • 7/6 PROFIT on each 22/6 pack**

Sole Distributors: DENDRON DISTRIBUTORS LTD., 94 Rickmansworth Road, Watford, Herts.

# Immediate and Outstanding Success

## **D'r Scholl's Foam Ease BUNION SHIELD**



**Now being introduced in Dr. Scholl's powerful  
New and Nation-wide Advertising Campaign**

### **"FEEL ITS CUSHIONING SOFTNESS"**

There will be immediate and urgent requests for this wonderful new cushioning relief for Bunions. Nothing so delightfully comforting has been devised for years for Bunion sufferers. It takes up no room in shoe! Just loops over toe. No adhesive. Completely protects the painful great toe joint! Do not be caught without stock. Dr. Scholl's National Advertising is now starting and we strongly advise you to order NOW. Brilliant new display material free with your order.

**TRADE: 30/- per doz.**

**RETAIL: 3/9 each (1/3 profit per sale)**

CUT OUT ALONG HERE

### **ORDER FORM**

To : The Scholl Mfg. Co. Ltd.,  
182-204 St. John Street, London, E.C.I.

Please send 2 dozen Dr. Scholl's BUNION SHIELDS in assorted sizes as offered, at 30/- per dozen, carriage paid.

Name .....

Address .....

(AFFIX SLIP LABEL)

C & D 11.7

CUT OUT DOWN HERE

**IN THREE SIZES**

**SMALL • MEDIUM • LARGE**

Suggested order for immediate stock :—

2 dozen assorted sizes as follows ;  
10 small ; 12 medium ; 2 large.

## **ORDER TODAY !**

**The**

# TOURIST

DE-LUXE

## Battery Dry Shaver

*The ultimate in powerful portable dry shaving*

**NO FLEX!**



The Tourist "No Flex" Battery Dry Shaver has overcome the shortcomings of previous portable models.

Compact — slips easily in the pocket. Extremely light — only 9½ ozs.

Efficient — incredibly fast action gives ultra close shave.

Economical — average battery cost 2d a week. Luxuriously presented in a simulated pigskin zip case.

The Tourist works from self contained Battery supply which means one can pick up and shave anywhere, anytime, and any place — no flex no plugs, no sockets.

**ABOVE ALL THE TOURIST IS A FIRST CLASS SHAVER**

**Retailers Introductory Offer**

Free demonstration head with initial order of only 4 shavers.  
(Through your wholesaler).

**Big Sales Potential**

The Tourist has double potentials (1) to new users of dry shavers as a first class shaver in its own right (2) as an additional shaver to existing users of mains models because of its special portability.

**Big Promotion Plans**

**At Point of Sale**

Attractive cut out Showcard makes ideal display:— Striking window bill; fully illustrated leaflet.

**T.V. and Press.** Opening campaign on Television in London, Midlands and North — Follow up in leading magazines and National Press.



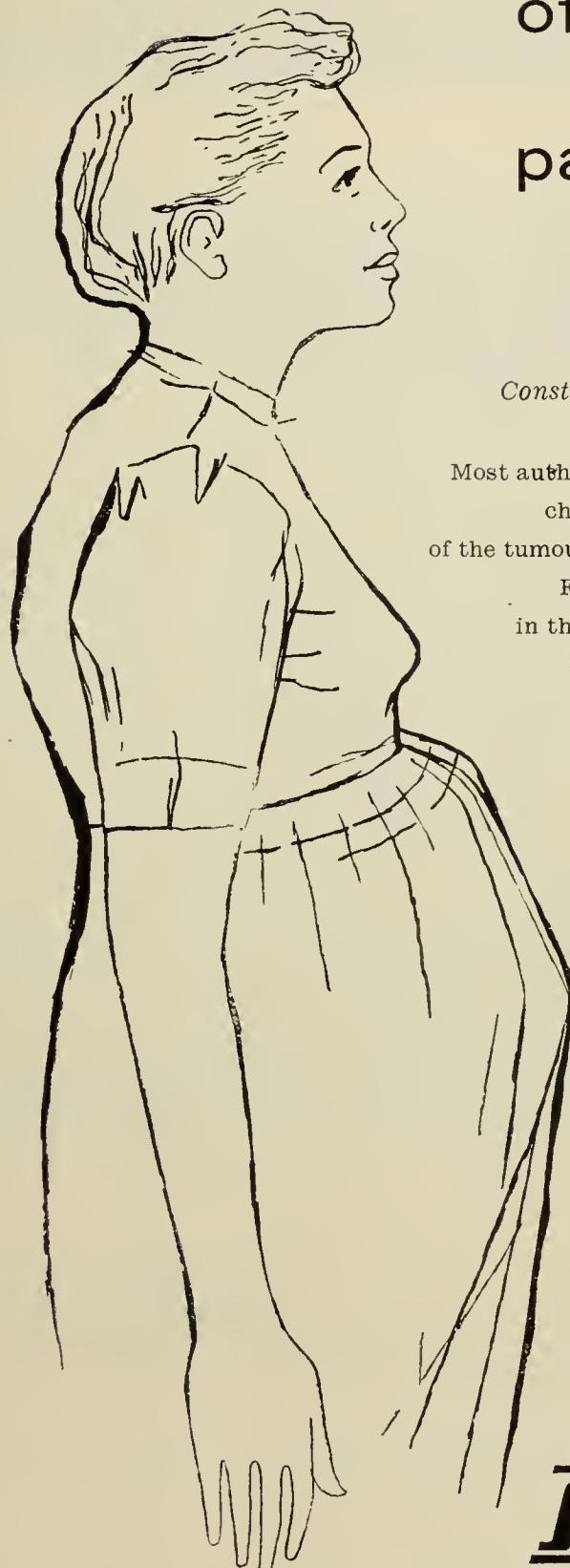
**Order through your local wholesaler today.**

*Full details from :—*

**A.V.P. INDUSTRIES (SALES) LTD., 35c BERKELEY SQUARE, LONDON, W.I. Tel.: Hyde Park 9251**

*(Member of the A.V.P. Industries Group)*

# How many of your pregnant patients are constipated?



*Constipation . . . " . . . is probably the commonest disorder to which pregnant women are prone"†*

Most authorities agree that this condition results from endocrine changes affecting smooth muscle tone. The physical mass of the tumour pressing on the colon is another contributory factor.

For correcting stasis of the bowel both ante-natally and in the puerperium, a suitable laxative is one without action on the gravid uterus, without effect on kidney function and not systemically absorbed. It should also be mild and predictable in action.

From these points of view, Dulcolax is indicated as a particularly suitable remedy for constipation associated with pregnancy.

It is non-toxic, has no effect on kidney function or uterine muscle, is not absorbed into the blood stream and does not cross the placental barrier.

Dulcolax has no irritant effect, even after prolonged use, has no side-effects and results in an effortless evacuation. Dulcolax is reliable and thorough in action and is available in tablet and suppository form.

†*The British Encyclopaedia of Medical Practice, 2nd Edition, Volume 10, page 221.*

# Dulcolax\*

4. 4'-diacetoxy-diphenyl-pyridyl-2-methane



Manufactured and distributed in the U.K. by Pfizer Ltd., Folkestone, Kent, for

C. H. BOEHRINGER SOHN, INGELHEIM-AM-RHEIN

Registered proprietors of the Trade Mark

\*Regd. Trade Mark



... and more than

12 million readers

Glaxo advertising is keeping up the pressure ! There's another half page in a long series in the Daily Express on July 16th for instance . . . and this latest advertisement is only one of a series destined to tell the Glaxo story in the Daily Express and many other big circulation publications for many months to come.

No baby talk in these advertisements ! Glaxo are telling almost every mother in the country what they want to know; why they can, and should, trust their children to Glaxo care. Glaxo are stressing the extensive scientific experience that lies behind Ostermilk and Farex . . . talking the way no other maker of baby food has talked — or *can* talk — ever.

Profit from the confidence created by this original and persuasive advertising. Check your stocks of Glaxo's Ostermilk and Farex now. Make sure you've enough to keep *all* your customers' custom.

nd FAREX advertisements

over 12 million readers of the

**DAILY EXPRESS**

**She is  
one of 12 million women...**

**and she's  
one of your customers**



She is one of 12,000,000 beauty-conscious women reached by COLOR-GLO's powerful and sustained advertising. She would like to have the prettier coloured hair that COLOR-GLO promises—and gives. Simple, fool-proof, harmless, semi-permanent, and natural in appearance, COLOR-GLO is just what she and millions of others want. That's why COLOR-GLO is big business. Stock it, display it, and see how it sells.

### STOCK

COLOR-GLO in the full range of colours:

DEEP AUBURN · AUBURN  
HONEY BROWN · GOLDEN CHESTNUT  
DOVE GREY · MOLTEN GOLD

### DISPLAY

the attractive,  
attention-getting COLOR-GLO  
packs, and Showcard

### and SELL

in the big new market  
of semi-permanent  
hair colouring

Retail price 4/- per bottle. Trade price 22/9 per dozen plus 60% tax.

# Color-Glo

SEMI-PERMANENT HAIR COLOURING

The effects last through 6 to 8 shampoos

GOLDEN LIMITED 7 GROSVENOR STREET, W.I. Telephone: Hyde Park 1671/6

Republic of Ireland enquiries to: Lilmar Pharmaceuticals Limited, Santry, Dublin · A creation of L'OREAL · PARIS





## PACKED TABLETS FOR COUNTER SALE

Manufactured by

**RICHARD DANIEL  
& SON LTD.**

PRICE LIST ON APPLICATION

**MANSFIELD ROAD, DERBY**

TELEPHONE - - 40671 (8 LINES)

ALSO AT ASHTON-UNDER-LYNE

TELEPHONE 2816 (6 LINES)

**A growing trend in summer photography**

## “FLASH & COLOUR”

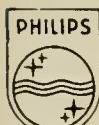
All Philips ‘Photoflux’ publicity this summer will emphasise the new trend of “Flash & Colour”. Why? Three reasons:

- ★ 1 in every 5 photographs taken this year will be in colour.
- ★ 60% of all colour film will be sold between June and September.
- ★ Flash is *essential* for indoor colour shots—*greatly improves* outdoor shots.

**—and Flash means ‘PHOTOFUX’ Flashbulbs**

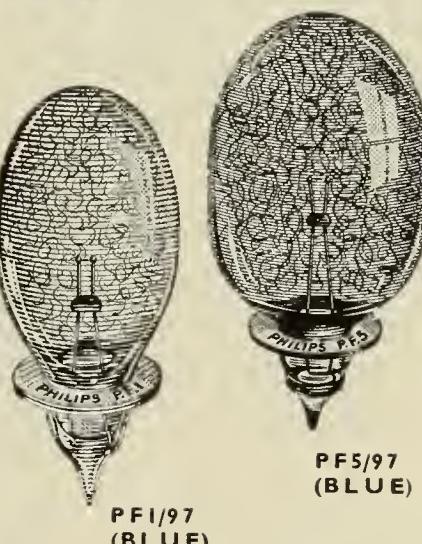
To get the fullest benefit from the growing trend make certain you have plenty of ‘Photoflux’ flashbulbs in stock. Order your new supplies NOW!

*stock and display*

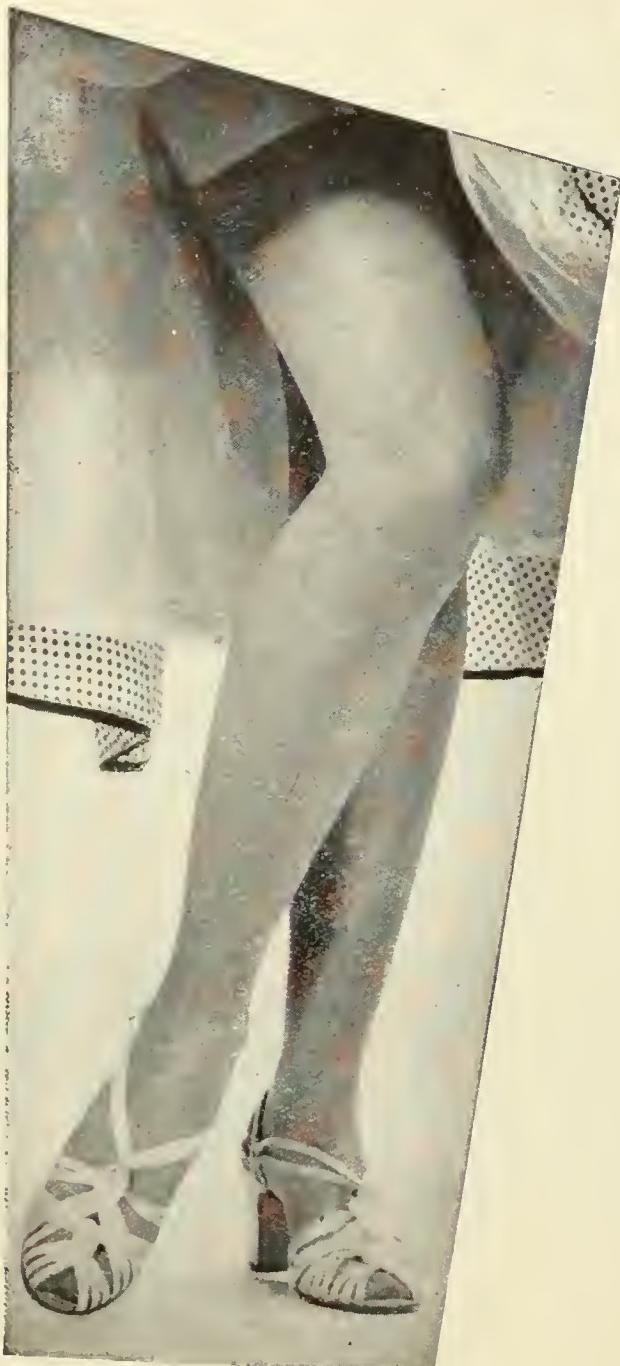


**PHILIPS ‘PHOTOFUX’ FLASHBULBS**

Philips Electrical Ltd., S.L.D Lighting Division, Century House, Shaftesbury Avenue, London, W.C.2



(PP3033)



*Jayskin*

*two-way stretch*

**S U R G I C A L  
E L A S T I C  
H O S I E R Y**

To N.H.S. Specification

ALSO IN NYLON

*Attractively Boxed*

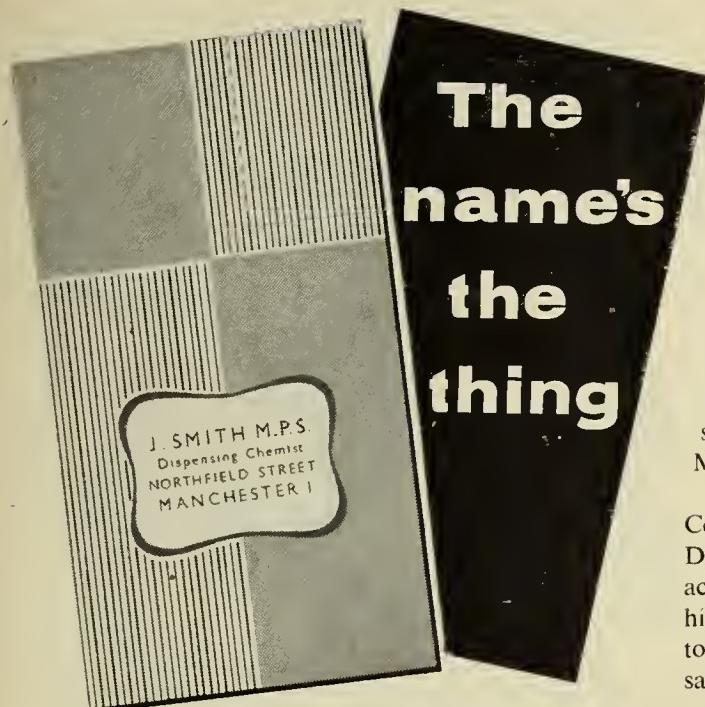
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hosiery, usually despatched  
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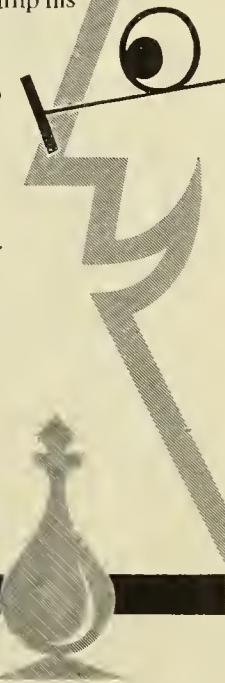


Make no mistake! It's no mere afterthought that Mr. Smith's name should appear on his counter satchels. It's not just a sort of appendage to the design. Rather is the design the setting in which Mr. Smith chooses to keep his name before the public.

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ASHton 4422 (10 lines).  
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**Scentinel Hygiene Dept**  
*It MAKES Sales*



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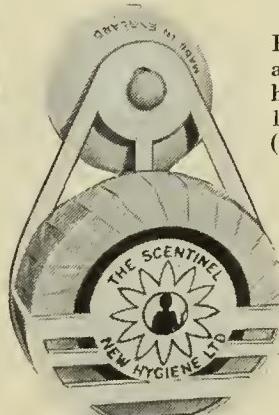
"WHAM" Fragrant fly spray and insecticide. Aerosol 5/6, Squeeze bottle 3/6, Refills 1/6.

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*of the Season*



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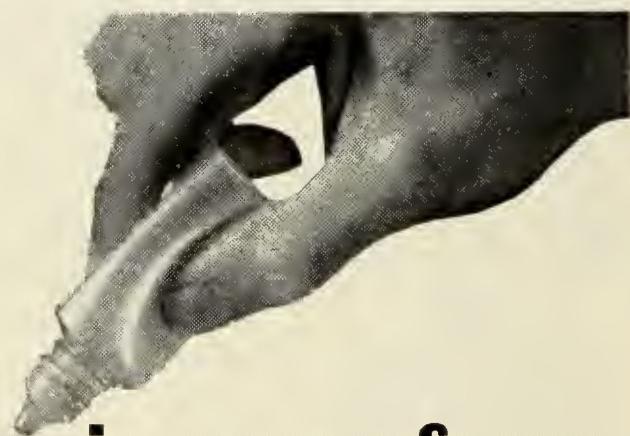
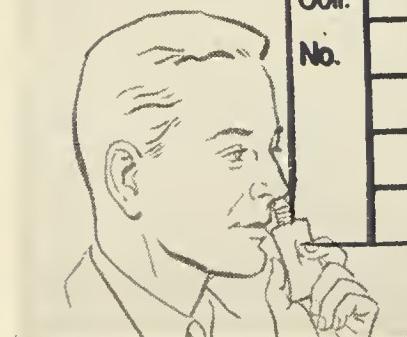
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Make sure your stocks are adequate to meet the ever-increasing counter and prescription demand throughout the hay fever season.

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½ fl. oz. plastic squeeze bottle—  
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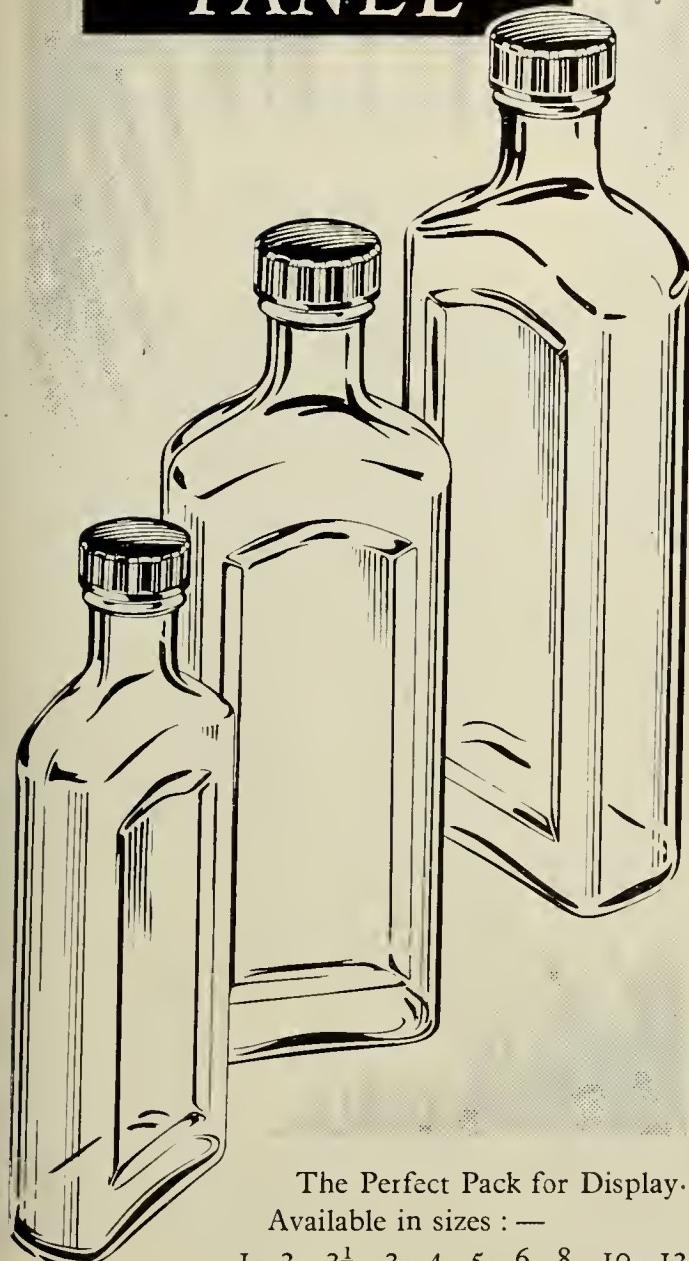
Phenylephrine Hydrochloride, B.P. 0.25%  
Naphazoline Nitrate, B.P. 0.025%  
Chlorbutol, 0.5%  
½ fl. oz. Dropper Bottle—  
Basic N.H.S. price 1/8d.

Available from your usual wholesaler or from Wholesale Division of:  
BOOTS PURE DRUG CO. LTD., STATION STREET, NOTTINGHAM · TEL. NOTTINGHAM 45501 OR 71 FLEET STREET, E.C.4 · TEL. FLEET STREET 0111



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The Perfect Pack for Display.  
Available in sizes :—

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Caps: Black, White or Red Plastic,  
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GLASS BOTTLE MANUFACTURERS

ROOTHERHAM      Established 1751      YORKS

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# THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

*Official organ of the Pharmaceutical Society of Ireland  
and the Pharmaceutical Society of Northern Ireland*

Volume 170

July 12, 1958

No. 4090

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**Spontex**  
HYGIENIC  
CELLULOSE SPONGE

THIS ATTRACTIVE  
DISPLAY SHELL  
**FREE**  
AGAINST ORDER  
**FOR £3-7-8**

(TRADE PRICE EXCLUSIVE OF P.T.)

The qualifying order for a Shell can be made up of any types or sizes of 'Spontex' Toilet sponges. Retailers can place their order through Sponcel Ltd., quoting the name of their usual wholesale supplier and stating that a Shell Display is required. The order will then be passed to the wholesaler nominated for delivery and invoice in the normal way. The Shell will be sent, specially packed in an individual container, direct to the retailer, by Sponcel Ltd.

SPONCLE LTD., 40 CHANCERY LANE, LONDON, W.C.2

Specimen order which qualifies for Shell	
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½ doz. 44 Bath	13/1
1 doz. 33 Hand Basin	19/5
1 doz. Baby Fine Texture	12/9
1 doz. Face Sponge	10/-
½ doz. 9C Cosmetic Sponge	2/6
Total trade price value £3 7s. 8d. (plus P.T.)	

Or any other combination to equal value will be accepted.

**Spontex** THE ABSORBENT CELLULOSE SPONGE

MOST ADVERTISED - MOST EASILY SOLD



# The CHEMIST AND DRUGGIST

Volume 170

JULY 12, 1958

No. 4090

## New Scale of Retail Salaries

### INCREASES UNDER TENTH J.I.C. AGREEMENT

MINIMUM weekly rates of wages under the agreement of the National Joint Industrial Council for Retail Pharmacy have been revised. The new rates take effect on the pay day in the week commencing July 14.

The new minimum rates, which are being incorporated in the tenth J.I.C. agreement, give a rise of 18s. 6d. a week to shop managers and manageresses; 17s. a week extra to pharmacists, and between 8s. and 10s. to unqualified male assistants and between 7s. and 9s. to unqualified female assistants. The new scales are set out on p. 28. When the last revision of the J.I.C. agreement was being negotiated (in 1956) the matter was referred to the Industrial Disputes Tribunal.

### "Clutter" on Buildings

**DELEGATION SEES MINISTER**

REPRESENTATIVES of industry, commerce, advertising interests and local authority and amenity associations met the Minister of Housing and Local Government on July 3 to discuss ways and means of preventing and curing "clutter" (displays of advertisements which are excessive and ill-sited) on business premises. The Outdoor Advertising Industry Advisory Committee proposed that a technical advisory committee should be set up to prepare a code of standards for outdoor advertising; and that the advertisement regulations should be reviewed in the light of it. The code would not supersede the regulations or be incorporated in them, but a process of education and negotiation, it was submitted, would be more effective than existing planning machinery alone. Detailed control was impossible under the present system, and a code would reduce the problem to proportions with which regulations could cope. The Minister suggested circulating a note indicating a procedure under which a code might be evolved. That would commit nobody to the principle, but would afford a basis for further discussion in the Autumn.

### Import Licensing

**FURTHER SIMPLIFICATION**

A SIMPLIFIED form of Open General Licence came into effect on July 7 replacing the one issued June 3, 1955, and subsequent amendments. The main change is that for the Relaxation Area and Japan, the Open General Licence lists the items for which individual im-

port licences are required instead of those which are free from specific control. Importers are relieved of the need to apply for individual import licences for a wide range of miscellaneous imports from the Relaxation Area. Notice to Importers No. 860 summarising the various general licensing regulations and explaining the provisions of the Open General Licence has been issued. Copies are obtainable from the Board of Trade, Import Licensing Branch, 43 Marsham Street, London, S.W.1, the Board's Offices in Scotland and Wales, and their Regional Offices.

### Packaging Centre

**INFORMATION BUREAU AND EXHIBITION**

A PERMANENT exhibition and information centre covering every aspect of packing and packaging was opened by Sir David Eccles (president of the Board of Trade in London on July 1. To be known as the Packaging Centre, it houses a free reference library as a supplement to the information bureau, a "packaging club," board and conference rooms. The Institute of Packaging has moved its secretariat into the Centre, which is situated at 50 Poland Street, London, W.1. A consultative

panel of Institute members has been set up to deal with the Centre's organisational problems. Overseas visitors and visitors from outside London interested in packaging may utilise the services of the Centre and the "packing club."

### "Prescribers' Notes"

**HOW TO HELP THE PHARMACIST**

THE June issue of *Prescribers' Notes* again reminds doctors of the difficulties caused to pharmacists and patients by incomplete prescriptions. It also confirms that when dealing with unusually large doses the pharmacist must satisfy himself that the prescriber's intention has been correctly interpreted. In addition the notes deprecate the tendency to prescribe multi-vitamin preparations as tonics and placebos. The desirability of doctors offering a word of advice about the safe keeping of drugs in the home is reiterated. It is recommended that patients should be cautioned to avoid alcohol when taking antihistamines or insulin.

### Pharmacists of Israel

**FIRST EIGHT GRADUATES AT JERUSALEM**

ON May 7 the first eight students successful in the examinations of the school of pharmacy, Hebrew University of Jerusalem, received the degree of Master of Pharmacy. The students came from eight different countries, and their ages ranged from twenty-three to fifty-five. The only woman student is the mother of two children. This year, in the school's fifth session, there are sixty-eight students divided between the four years of the course.



**ISRAEL'S FIRST HOME-TRAINED PHARMACISTS :** The eight graduates from the first four-year course in pharmacy at the Hebrew University of Jerusalem, with members of the University staff. Left to right, Messrs. M. Muallum, D. Dubinsky, Y. Yossifov, S. Mell and I. Barak, Dr. P. Farkas (executive secretary of the School), Mr. A. Linowitz, Professor M. Rachmilewitz (Dean of the medical school), Messrs. U. Karlan and A. S. Grien, and Dr. M. Prywes (associate Dean of the medical school).

## Royal Society

### BURSARIES SCHEME AWARDS

AMONG recipients of awards recently announced under the Royal Society and Nuffield Foundation Commonwealth Bursaries scheme are: Professor G. M. Badger (professor of organic chemistry, Adelaide University, Australia), to assist him to visit Cambridge from January to May 1959, to study recent advances in organic chemistry, with special reference to natural products; Dr. R. H. Estey (plant pathology department, Macdonald College, McGill University, Canada), to assist him to learn new and different techniques in plant pathology and mycology at Nottingham, for two months from July; Professor T. Gillman (professor of physiology, Natal University), to study certain special problems of regeneration of skin, principally at University College, London, from January to July 1959; Dr. G. Salt (lecturer in zoology, Cambridge University), to assist him to visit West Pakistan for about six months from October to extend his work on the reactions of insect hosts to ichneumoid parasites and to attempt to apply it to the control of insect pests of crops by means of parasites; Dr. T. B. Teoh (lecturer in pathology, Hong Kong University), to assist him to study bile thrombi as a means of throwing light on the problems of non-obstructive biliary cirrhosis, at University College Hospital Medical School, London, for a year from September.

## Co-operative Chemists

### APPRENTICE SCHEME ABANDONED

IN the annual report of the Co-operative Technical Panel of Chemists submitted to the recent Co-operative Congress, held at Scarborough, it is stated that much work was done in formulating proposals for a draft scheme of training for pharmacy apprentices and Co-operative dispensers. "Unfortunately, the new regulations of the Pharmaceutical Society made it pointless to proceed with the projected course of pharmacy apprentices so the Panel's main attention was directed to considering the draft scheme for training Co-operative dispensers." The dispensers' course was to provide training for a certificate in dispensing granted by the Co-operative Union. For the time being further consideration of that course has been left in abeyance because the Panel's recommendations for the Co-operative Union's education committee were rejected. Consideration was given to equipping a dispensing laboratory at the Co-operative College, Loughborough, to serve short residential summer courses and to provide for special training in practical work for which equipment or time would not be available in all pharmacies.

## House Fly Risks

### CAMPAIGN TO EDUCATE THE PUBLIC

THE Medical Director of the Central Council for Health Education (Dr. A. J. Dalzell Ward) inaugurated on June 30 a campaign against the housefly. "It has been demonstrated," he said, "that flies carry dysentery,

typhoid, possibly polio, and other diseases; they are one of the principal causes of summer diarrhoea." In June the early broods begin to make their appearance; there is a marked increase in July, and they are most numerous in August and September. Eggs laid in the autumn of 1957 were now hatching out. It takes about twelve days for the egg to hatch, and another twelve days to reach maturity. The housefly can lay about 900 eggs, and within two months or two generations about 800,000 can thus come from one fly. A special poster and leaflet of warning have been produced, and samples have been sent to 1,080 local and 800 sanitary authorities in the United Kingdom. The attack is by denying breeding places to the fly and by the use of insecticides. Posters and leaflets can be purchased from The Central Council for Health Education, Tavistock House, Tavistock Square, London, W.C.1. 1s. 3d. each, and leaflets 6d each, 2s. per dozen.

## Industrial Injuries

### PRESCRIBED DISEASES SCHEDULE

REGULATIONS have been made altering the Schedule of occupational diseases for which workers in specified occupations are covered for the benefits of the Industrial Injuries Act. The National Insurance (Industrial Injuries) (Prescribed Diseases) Amendment Regulations, 1958 (S.I. 1958 No. 1068) implement recommendations of the Industrial Injuries Advisory Council and were effective from July 7. Among the changes is the widening of the description of poisoning by some substances (e.g., dinitrophenol) to include certain of their compounds. Extensions are also made in the definitions of other diseases including industrial dermatitis and radiation injuries. A minor change is also made in the cover provided against tuberculosis for post-mortem workers to make it clear that only persons working with human remains are covered. Copies of the Regulations are available from the Stationery Office (price 6d.).

## Druggists' Exhibition

### INTERNATIONAL SHOW AND CONGRESS

THE International Druggists' Professional Exhibition (INDROFA) is being held this year at Frankfurt-on-Main, September 19-23. A biennial event, the exhibition is held in conjunction with the International Druggists' Congress and the German Druggists' Convention which serve to underline the professional importance of INDROFA 1958. The exhibition is concentrated in three main halls covering 360,000 sq. metres. Exhibits have been divided into twenty-three classes covering all aspects of retail, wholesale and manufacturing pharmacy.

## Retail Sales

### BOARD OF TRADE STATISTICS

RECENTLY issued Board of Trade figures show that sales of chemists' goods by independent retailers were 4·4 per cent. higher in March than in February and 7·2 per cent. higher than

in March 1957. Large retailers' sales were 11·25 per cent. higher in March compared with February and 9·9 per cent. higher than in March 1957. Sales by Co-operative Societies were 1·1 per cent. higher in March than in February and 8 per cent. higher than in March 1957. Sales of chemists' goods by independent retailers were 1·5 per cent. lower in April than in March but the same as in April 1957. Large retailers' sales were 7·9 per cent. lower in April than in March but 3·1 per cent. higher than in April 1957. Sales by Co-operative Societies were 2·3 per cent. lower in April than in March but 6·9 per cent. higher than in April 1957. The figures do not allow for receipts under the National Health Service.

## Anti-decay Fluorine

### ORGANISED OPPOSITION IN HAMPSHIRE

MINISTRY of Health attempts to secure evidence of the anti-decay value of fluorine in water supplies have met with difficulties. An "Anti-fluorine Association" has been formed in Andover, Hants, as the outcome of controversy among the townspeople, and a writ has been served on the town clerk. The Association hopes to secure a ruling that the town council has not the legal powers to arrange for water containing fluorine to be supplied. The case is being heard by the Lord Chief Justice.

## Dangerous Drugs

### AN AUTHORITY WITHDRAWN

THE Home Secretary has withdrawn from James Joseph O'Reilly, M.B., B.Ch., D.P.H., whose registered address is 4 Danygraig Road, Risca, Mon., authorities to possess, supply, or give prescriptions for Dangerous Drugs.

## SCOTTISH NEWS

## Pharmacy Degrees

### GLASGOW UNIVERSITY SUCCESSES

THE following candidates were successful in the recent final examination for the degree of B.Sc. in pharmacy held at the University of Glasgow:—*Pharmacology I*, Aikman, M. L.; Anderson, M. P.; Baird, J. R. C.; Chapman, J. E.; Ettles, M.; Fraser, E. K.; Goudie, W. A. M.; Graham, E. J.; Hope, I.; Kinghorn, J. R.; Kinnear, E. E. M.; McDonald, C.; McGilveray, I. J.; Moran, E. A.; Murray, A. R.; Sinclair, M. M. *Pharmacology II*, Dangour, C.; Houston, W. C.; McLean, J. H.; Pollock, D. Yates, C. M. *Physiology/Biochemistry*, Allison, A.; Douglas, J. P.; Downie, A. H.; Fearon, R.; Hastie, M. E.; Howitt, G.; Johnston, L. F. F.; King, F. A.; Macfarlane, C. B.; McKechnie, M. S. B.; McLafferty, J. B.; Macnee, M. D.; Munro, R. D.; Murray, J. B.; Steele, R. W.; Wigham, F.; Wilson, J.; Wolfe, H. E. *Pharmaceutical Chemistry I*, Anderson, M. P.; Baird, J. R. C.; Ettles, M.; Fraser, E. K.; Goudie, W. A. M.; Graham, B. C.; Graham, E. J.; Hope, I.; Kinghorn, J. R.; Kinnear, E. E. M.; McDonald, C.; McGilveray, I. J.; McIntosh, D. S.; Moran, E. A.; Murray, A. R.; Seath, I. A.; Sinclair, M. M. *Pharmaceutical Chemistry II*, Douglas, R. I. B.; Furst, C. I.; McPhail, D. E.; Smail, G. A.

## NEWS IN BRIEF

THE Scientific Film Association is moving shortly to new premises at 3 Belgrave Square, London, S.W.1.

A SUPPLEMENT (24 pp.) on the first ten years of the National Health Service was published by *The Times* on July 7.

PROFESSOR E. Hughes, F.R.S. (president, Chemical Society) has been appointed dean of the Faculty of Science, London University.

REPRESENTATIVES of Southampton Branch of the Pharmaceutical Society paid a courtesy call on the mayor of Southampton on June 23.

A GIFT of £1,500 has been made to the Empire Rheumatism Council by John Wyeth & Bro., Ltd., to endow a research fellowship in pharmacognosy.

AN OFFER of 4 per cent. pay increase for auxiliary workers in the pharmaceutical and fine chemical industry has been rejected by the three unions involved.

THE Royal College of Science and Technology, Glasgow, is discontinuing its Pharmaceutical Chemist Qualifying examination course after session 1958-59.

IN accordance with a recommendation in the Hinchliffe Committee report the Minister of Health has asked Executive Councils not to provide medical and pharmaceutical lists to drug houses and advertising agencies.

AT the annual meeting of the British Seamless Rubber and Plastics Manufacturers' Association, held in London on May 29, the following officers were re-elected for 1958: Chairman, S. D. Sutton (Veedip, Ltd.), Vice-chairman, A. R. Reid (London Rubber Co., Ltd.).

NORTHAMPTON Co-operative Society, Ltd., have announced that they plan to adapt premises formerly occupied by a grocery department to use it as a drug store with a view to development later as a pharmacy when qualified personnel are available.

GRANTS are available from the research fund of the Chemical Society for the assistance of research in all branches of chemistry, and forms of application (closing date November 14) are available from the Chemical Society, Burlington House, Piccadilly, London, W.1.

PAPERS on the organic, inorganic and physical chemistry of fluorine, for presentation at a symposium on fluorine chemistry to be held at Birmingham University, July 15-17, 1959, are invited by the Secretary, Fluorine Symposium, Chemistry Department, University, Edgbaston, Birmingham, 15.

## SPORT

Golf.—LONDON CHEMISTS' GOLFING SOCIETY, at Dunstable golf club, on July 7. Arthur H. Cox prize (medal), G. T. Morson (10), 71; Scott & Bowne 4711 prize (bogey), V. F. E. Simmons (15), 6 down; Ladies' prize (given by the president), Mrs. L. Taylor (23), 84.

Cricket.—FINCHLEY BRANCH, PHARMACEUTICAL SOCIETY v. Monken Hadley Cricket Club, at Hadley Common, on July 3. On a wet wicket, the chemists scored 75 for 5, due mainly to the good batting by the opening pair, Dawes and Jenkins. The home team won, however, quickly reaching 76 for 4, their batsmen taking every opportunity for quick runs.

## TOPICAL REFLECTIONS

By Xrayser

### Tenth Birthday

You make a plea to the politicians, in your editorial article on the first ten years of the National Health Service (p. 13) to stop making the service a platform for political propaganda. The majority of those who have given service, either in their professional sphere or in a voluntary capacity on various committees, would heartily agree. And I should be surprised if that same majority would not wish to see the plea extended to certain organs of the lay Press which have, for various reasons, painted a less than fair picture of the undertaking from its birth. A tenth anniversary gives the opportunity for an assessment of the scheme as a whole, and most newspapers I have seen during the past week were very fair in their comment and remarkably well-informed, though neither of those descriptions, it seemed to me, could be properly applied to the content of an article in the *Sunday Express* by a Mr. Bernard Harris. The writer began by saying that, ten years ago, people showed little realisation of the fact that a "great new raid on their pockets had started." We were asked to suppose for a moment that there was no National Health Service. We were asked what would be the effect on our pockets and our bank balance. And were we told, amongst other things, that if there were no health service the retail price of beer and spirits and cigarettes might be more than halved. In view of the disquiet expressed by responsible medical opinion as to the effects of cigarette smoking (and now the drinking of beer), the prospect of their availability at half-price seems to be a doubtful sort of argument. But Mr. Harris has originality. He varies the drug metaphor by referring to the "mountains of drugs" consumed, which is in contrast to the cascades we have had in the past.

### Retrospect

You refer in your leader to "full reward for a courageous undertaking," and courageous it was to introduce such an enormous project as the Health Service in one piece. It has been suggested that it might have been better had the complete service been achieved in a series of gradual steps, based on income levels. So it was that the National Health Insurance scheme was launched, and the next steps were so timidly taken that in thirty-six years only a small section of the population had been admitted to the benefits of the service. Had the plunge not been taken in 1948, there is no knowing how long it might have taken, during recurring financial crises, to achieve a health service for the whole community. No one could foresee the rapid advances in treatment that have been made, and in the absence of a comprehensive health service for all it is impossible to visualise the situation that might have arisen. The new life-saving drugs, many of them beyond the means of a large section of the community, could have been administered only in hospital, and the voluntary hospitals were already in financial difficulties before the advent of the antibiotics. In my considered opinion the first ten years may be looked back on with pride in achievement, and we should go forward to build on a sure foundation. There may be many things which could be improved, and the building of new hospitals is only one of them, but the overall picture is one that should give satisfaction to the nation.

### The Shades of Night

There are occasions when one feels that there are advantages in possessing a pen-name which suggests that one has a certain aptitude for "seeing through things," as, for example, when a note is handed in at the pharmacy for per-cip-ient ointment. For one who is credited with the penetrating eye, the ability merely to perceive was simplicity itself. Not quite so simple was the request for excelsior tablets. A tactful inquiry into the symptoms disclosed that the shades of night, which had fallen fast on the previous evening, were not yet dispelled. So with the aid of commercial television, percipience and the all-seeing eye, a satisfied customer was sent on his way.

## RETAIL SALARIES

### Agreement on new scale

THE minimum weekly wage rates under the tenth agreement of the National Joint Industrial Council for Retail Pharmacy, just reached, are:—

	London	Provin-	Provin-
	£ s.	£ s.	£ s.
QUALIFIED PHARMACY SHOP MANAGERS			
Average weekly sales up to and including £100	14 17	14 12	14 7
Over £100 and under £110 .. ..	15 1	14 16	14 11
For each additional £10 sales up to £299 .. ..	0 2	0 2	0 2
£300 .. ..	17 1	16 16	16 11
Over £300 and under £310 .. ..	17 6	17 1	16 16
£310 and under £320 .. ..	17 8	17 3	16 18
For each additional £10 sales up to a maximum of £600 .. ..	0 2	0 2	0 2
QUALIFIED PHARMACY SHOP MANAGERESSES			
Average weekly sales up to and including £100	14 5	14 0	13 15
Over £100 and under £110 .. ..	14 9	14 4	13 19
For each additional £10 sales up to £299 .. ..	0 2	0 2	0 2
£300 .. ..	16 9	16 4	15 19
Over £300 and under £310 .. ..	16 14	16 9	16 4
£310 and under £320 .. ..	16 16	16 11	16 6
For each additional £10 sales up to £600 .. ..	0 2	0 2	0 2
PHARMACISTS (MALE)			
1st year after qualifying	11 19	11 14	11 9
2nd year .. ..	12 9	12 4	11 19
3rd year .. ..	12 19	12 14	12 9
PHARMACISTS (FEMALE)			
1st year after qualifying	11 12	11 7	11 2
2nd year .. ..	12 2	11 17	11 12
3rd year .. ..	12 12	12 7	12 2
UNQUALIFIED ASSISTANTS (who have completed not less than three years' continuous experience in pharmacy and who are wholly or mainly engaged in dispensing)			
MALE:			
Age 20 .. ..	7 1	6 15	6 9
Age 21 .. ..	7 13	7 7	7 1
Age 22 .. ..	8 5	7 19	7 13
Age 23 .. ..	8 16	8 10	8 4
Age 24 .. ..	9 8·5	9 2·5	8 16·5
FEMALE:			
Age 20 .. ..	6 2	5 17	5 12
Age 21 .. ..	6 14	6 9	6 4
Age 22 .. ..	7 6	7 1	6 16
Age 23 .. ..	7 17	7 12	7 7
Age 24 .. ..	8 9·5	8 4·5	7 19·5
Those with Apothecaries' Hall certificate to receive unqualified assistant male rate, less 5s.			
SHOP ASSISTANTS (other than apprentices)			
MALE:			
Age under 16 .. ..	3 2	2 17	2 14
Age 16 .. ..	3 8	3 2·5	2 18·5
Age 17 .. ..	3 15	3 9·5	3 5
Age 18 .. ..	4 11	4 5·5	4 1
Age 19 .. ..	5 4·5	4 19	4 13·5
Age 20 .. ..	5 17	5 11·5	5 6
Age 21 .. ..	7 1·5	6 15	6 8·5
Age 22 or over .. ..	7 17·5	7 13	7 6
FEMALE:			
Age under 16 .. ..	2 14	2 11	2 7
Age 16 .. ..	2 18	2 15	2 11
Age 17 .. ..	3 6·5	3 1	2 17
Age 18 .. ..	3 16	3 12	3 7·5
Age 19 .. ..	4 3·5	3 19·5	3 14
Age 20 .. ..	4 9·5	4 5·5	4 0
Age 21 .. ..	5 2	4 16·5	4 10
Age 22 or over .. ..	5 18	5 13·5	5 5·5
ALL OTHER MALE WORKERS (other than apprentices)			
Age under 16 .. ..	3 1	2 16	2 13
Age 16 .. ..	3 7	3 1·5	2 17·5
Age 17 .. ..	3 14	3 8·5	3 4
Age 18 .. ..	4 10	4 4·5	4 0
Age 19 .. ..	5 1	4 13·5	4 9
Age 20 .. ..	5 13·5	5 5	5 0·5
Age 21 .. ..	6 17·5	6 9·5	6 3
Age 22 or over .. ..	7 8	7 3·5	7 2

The new rates become operative on the pay day in the week commencing July 14.

## IN PARLIAMENT

### BY A MEMBER OF THE PRESS GALLERY, HOUSE OF COMMONS

#### Hinchliffe Committee's Report

Replying on July 7 to questions by MR. A. BLENKINSOP regarding the Hinchliffe Committee's report (*C. & D.*, June 28, p. 678), MR. DEREK WALKER-SMITH (Minister of Health) said he would be in a position to make a precise statement on the implications of the detailed recommendations when his consultations with the British Medical Association and other professional bodies had been completed.

#### Credit "Squeeze" Partially Relaxed

THE CHANCELLOR OF THE EXCHEQUER (Mr. D. Heathcoat Amory) announced, on July 3, that he had decided not to ask the banks to restrict the total level of their advances to any given figure after the end of July; he had revised the scope of the Capital Issues Control. The changes include the following:—

Control of Borrowing Order is amended to prevent new money being raised outside the control by artificial devices.

Capitalisation issues are exempted from control except those involving issues of redeemable securities.

Exemption limit for borrowing is raised from £10,000 to £50,000.

C.I.C. may now approve investment for production of essential goods and services and exports, and for saving imports and earning foreign exchange even if they are not immediately urgent.

Approval may be given to investment in the Commonwealth likely to strengthen the sterling area's balance of payments; and to investment in areas of persistent unemployment in the U.K.

#### Morphine Supplies at Ports

MR. D. RENTON announced on July 3 that the Home Secretary had decided to authorise the keeping, at port medical centres at which suitable safeguards could be arranged, of supplies of morphine for use by nurses in an emergency.

#### Mental Health Services

Replying to a question by MR. SIDNEY IRVING on July 3, MR. DEREK WALKER-SMITH stated that about 11½ per cent. of the total cost (about £585 millions) of the National Health Service in the year ended March 31, 1957, had been identifiable as having been spent on mental health services.

#### Agricultural Chemicals

MR. J. B. GODBER, on July 3, stated that the Interdepartmental Advisory Committee on Poisonous Substances used in Agriculture and Food Storage kept a general oversight over chemicals used in agriculture that might prove harmful to wild birds and mammals.

#### Hearing Aids Issue

MR. DEREK WALKER-SMITH (Minister of Health), in a written reply to MR. DAVID JONES, on July 7, said that the first supply of transistor hearing aids would be issued to hearing aid centres during that week. Young children might be given priority.

#### Opticians Act, 1958

The Opticians Act, 1958, received the Royal Assent on July 7.

Replying to questions in the House of Lords on July 3, about infringements of patents and trade marks, especially by the Japanese, LORD MANGROFT said the Government took up individual cases with the Japanese Government. The authorities and trade associations in Japan were, he claimed, generally willing to put an end to abuses, and the laws on unfair competition had recently been strengthened.

#### £ Sterling (Value)

MR. DE FREITAS asked the Chancellor of the Exchequer on June 27 whether he was aware that, taking the internal purchasing value of the £ sterling at 20s. in October 1951, it had declined to 19s. in May 1952, 18s. 3d. in May 1954, and 16s. 5d. in May 1956; and what was the comparable figure for May 1958. MR. SIMON: Yes; 15s. 5d.

# ALLEGED FRAUDS ON A BODY CORPORATE

## Office employees among persons accused

FIVE men were accused at Marlborough Street court, London, on June 27, of conspiring to defraud Savory & Moore, Ltd., Welbeck Street, London, W.1. They were remanded on bail to appear at Bow Street court on July 4. The men were Raphael Levene, Lynton Road, Harrow, Kenneth George Duncan, Elmers End Road, Beckenham; Bernard Collier, Walworth Road, Walworth; Frederick Tallus Heagarty, Regent Close, Preston Road, Harrow, and Kenneth Frank Coles, Barn Hill, Pinner. The conspiracy was alleged to have occurred at Wigmore Street, London, W.1, between July 1957 and March, and at other places unknown. Levene was also charged with uttering a forged document purporting to be an invoice of E. M. Coles & Sons, Ltd., and obtaining from Messrs. Savory & Moore by false pretences two dressing table sets, a pair of hairbrushes and two packets of soap. With Duncan and Collier, Levene was charged with obtaining from Messrs. Savory & Moore by false pretences three cheques totalling £285 11s. Levene, Duncan and Heagarty were charged with similarly obtaining three cheques totalling £272; Levene, Duncan and Coles with fraudulently causing Peter Jack Combe Matheson, M.P.S., to execute a cheque for £85, and Levene and Duncan with causing Matheson to execute two cheques totalling £222.

### Prosecution's Case

At Bow Street court on July 4, prosecuting counsel said that Levene, as office manager of John Bell & Croydon, Wigmore Street, was responsible for ensuring that accounts presented were properly due to be paid, he also saw that cheques were sent out in payment of accounts. Duncan was assistant to the manager and authorised invoices confirming receipt of goods. The prosecution's case was that Collier, Coles and Heagarty provided Levene with false invoices or blank invoices for him to fill in, purporting to show that goods had been supplied, whereas they had not been supplied at all. Duncan signed the invoices as evidence that the goods had been received. "On this," prosecuting counsel went on, "Levene, who was the organiser of the conspiracy, was able to get cheques signed by the general manager. Some goods on the invoices had actually been supplied, not to Savory & Moore, Ltd., but personally to Levene, but they were for amounts considerably less than those shown on the invoices." Two charges related to cheques for £54 and £168. Against Levene only it was alleged that he had asked the general manager to sign for payment an invoice for £6 5s. for goods supplied by Coles & Co. He had said that those things were for his own personal use, and he had had them invoiced to Savory & Moore so that he could get the trade discount. Levene, then having control of the invoice, altered the amount to £60 5s., and a cheque for that sum, less discount for cash, was duly sent to Coles's firm. Charges relating to dressing-table

sets had led to the discovery of the conspiracy. Levene obtained two parcels of goods from the manageress of the perfumery department, saying they were wanted urgently for overseas by National Supply Co., Ltd. Levene took the things away in a taxi, and the manageress became suspicious. Inquiries showed that no such orders had been given. Levene was then questioned by his employers, and admitted the offence; he had recovered and brought back some of the property. When Duncan was seen he made a full confession, saying that Levene paid him about £50 in all for signing the invoices. He had also obtained about £139 worth of articles, and it should be said that, as

soon as he heard inquiries were being made, he paid £139 into the till, registering the money as cash sales. The evidence against the other three men rested mainly on what they said had occurred. When Collier was shown fifteen alleged false invoices he said "I suspected something was a fiddle . . . I have been a dupe." Cheques paid out in that way amounted to £2,455, and Levene was concerned in all of them. With the exception of the one in the second charge, Duncan had signed all the invoices, so that he was concerned with £2,395. Property of the approximate value of £750 had been recovered. After some evidence had been heard, the accused were remanded on bail until July 11.

## LEGAL REPORTS

### Robbed Previous Employers

AT Cheshire Quarter Sessions, Frank Torkington was sentenced recently to twelve months' imprisonment for breaking into the Stockport Road, Cheadle, pharmacy of George Patterson, Ltd., and taking money from hidden tins. It was stated by the probation officer that Torkington had previously worked in the pharmacy but had lost his job following a nervous breakdown caused by drink. His registration with the Pharmaceutical Society had lapsed and the Society was not prepared to renew it until he had proved himself.

### Put on Probation

AT the Scunthorpe magistrates' court on June 25, Mrs. Mary Louisa Jones, 32 Trinity Street, Grimsby, Lincs, admitted two charges of obtaining dexamphetamine sulphate tablets with intent to defraud. Whilst she was under the care of a Scunthorpe doctor, who prescribed a total of 116 tablets, she visited other doctors in Scunthorpe, Louth and Cleethorpes and obtained a further 270 tablets by falsely claiming she was a temporary resident patient. Prosecution stated that "It was not so much a question of the cost involved, but of the additional work for the doctors, chemists and the county executive, and above all the gross abuse of the National Health Service." Jones was put on probation for two years.

### Not a Shop Within the Act

IN the Queen's Bench Division of the High Court, London, on July 3, it was held that a mobile shop did not come within the Shops Act, 1950. The court dismissed, with costs, an appeal by East Suffolk County Council from the dismissal of a summons against Mr. Keith Ramon Boreham, Cedarcroft Road, Ipswich, alleging that he had sold a packet of tea from his mobile shop on a Sunday. The Lord Chief Justice (Lord Goddard) said he had no doubt that the Shops Act was intended to regulate and prohibit Sunday trading, and it might be a good thing from the public's point of view if it could be said that it applied to mobile shops. But the court was bound by a previous decision relating to the sale of ice-cream from a box tricycle in which it was

held that the vehicle itself was not a shop.

### Medical Man Sentenced

AT Warwick Assizes on July 2, Dr. W. R. Pitt, South Kensington, London, was sentenced to one year's imprisonment after pleading guilty to obtaining from Mr. D. K. Humphreys a total of £135 by false pretences with intent to defraud (see *C. & D.*, June 28, p. 680), and to obtaining £5 credit from a Gillingham taxidriver by means of fraud other than false pretences. Prosecuting counsel said Pitt charged Mr. Humphreys £135 for a series of injections which he said were the only thing that would prevent his death. It was found that Mr. Humphreys was not suffering from the complaint alleged by Pitt, and that six or seven injections given, out of the 135 paid for, were "common calcium, at 10s. for thirty." Defending counsel said Dr. Pitt ought not to have carried on in general practice after he had been declared bankrupt. Instead he should have sought employment as an assistant to a doctor or some other employment of the kind he eventually obtained with a chemist in London.

### Pharmacist Breaks Probation

AT Merioneth Quarter Sessions, Bala, North Wales, on July 1, Ieuan Arthur Williams, High Street, Towyn, was charged with a breach of probation. A year ago he was put on probation for two years after being charged with sending a letter threatening to kill. As a result of the case he was struck off the Pharmaceutical Society's register by the Society's Statutory Committee. Later he appeared at Towyn magistrates' court on offences against the Pharmacy Acts (see *C. & D.*, May 3, p. 475), thus breaking the probation order. A medical report and a report by the probation officer were submitted. For the defendant it was stated that, having regard to the medical report and other aspects, it would be inappropriate to send Williams to prison. The chairman said the bench had given a great deal of thought to what it could do in Williams' own interest, and it had decided that sending him to prison would not help.

The bench had decided to bind him over for a two-year period, under a new probation order and with fresh recognisances.

### Pharmacy Act Fines

AT Boston, Lincs, magistrates' court on June 24, pleas of guilty were entered on behalf of the Skegness Drug Stores, Ltd., in respect of two charges alleging the unauthorised sale of poisons and two of failing to have the poisons labelled with the name and address of the seller. The prosecution alleged that an agent of the Pharmaceutical Society bought from the company's branch shop at 9 Red Lion Street, Boston, Codis tablets (containing codeine) and Anestan tablets (containing ephedrine hydrochloride). The assistant who sold the tablets told the Society's agent that she did not realise the sale was unauthorised, there being no pharmacist on the premises. For the defence it was stated that the shop had been carried on in Boston for eight years without complaint, and when the tablets were obtained from the wholesalers, following requests from customers, it was not realised that they came within the Poisons Schedule. The company's solicitor apologised for the offences, and said the case might also help other people to be careful in such matters. Fines totalling £8 were imposed on the company, with £7 7s. advocate's fee.

### Price Cutters to Pay £50

AN action alleging price-cutting in the sale of razor blades against Millers Bargain Stores, Ltd., New Street, Barnsley, brought by Gillette Industries, Ltd., Isleworth, Middlesex, was the subject of a consent order by Mr. Justice Harman in the Chancery Division, London, on July 8. Counsel for Messrs. Gillette said the parties had reached agreement. The defendants would pay the company £50 in full satisfaction of the claim for damages and for costs and would submit to a perpetual injunction. Counsel said defendants would be perpetually restrained from selling or offering or advertising for sale or dealing in Gillette razor blades or other goods in breach of any condition of which they had notice, as to the price at which such goods might be resold. The judge remarked that there had been difficulties about enforcing the relevant Section (Section 25 of the Restrictive Trade Practices Act, 1956).

## COMPANY NEWS

Last year's figures in parentheses

**HUGH MOORE & ALEXANDERS, LTD.**, wholesalers, Dublin, Eire.—Profit for year to March 31 is £2,416 (£4,699). Add special refund £944 (nil) and transfer from stock reserve £2,000 (nil).

**MILTON ANTISEPTIC, LTD.**—Lord Waldegrave having been appointed Joint Parliamentary Secretary, Ministry of Agriculture, he has relinquished his directorship.

**BRITISH GLUES & CHEMICALS LTD.**—Ordinary dividend is 20 per cent. for the year to March 31 (18½ per cent.). Group net profit fell slightly to £351,094 (£359,547) with Group profit, £743,094 (£740,547).

**W. J. BUSH CO., LTD.**—A final

Ordinary dividend of 11 per cent. makes 13 per cent. on capital increased by a one-for-two scrip issue (against 16 per cent. on the old capital). Group trading profit, etc., for 1957 increased from £661,688 to £873,151, and the net profit from £243,777 to £313,971.

**GRIFFITHS HUGHES PROPRIETARIES, LTD.**—A final dividend is proposed of 7½ per cent., making 10 per cent., for the year to March 31 (against a single payment of 7½ per cent.). Group profit was £439,921 (£465,659). After tax £257,018, less £14,415 adjustment of tax relating to earlier years (£267,996), and £53,000 to reserve (£35,000), the carry forward is £208,688 (£190,793).

**THOMAS & EVANS LTD.**—The directors announce that Beecham Group, Ltd., are making an offer to purchase the whole of the Ordinary share capital of Thomas & Evans, Ltd. The terms of the offer will be the allotment credited as fully paid of two Beecham Group ordinary shares of 5s. each and 3s. in cash for each ordinary share of 10s. in Thomas & Evans, Ltd. Full details will be circulated to the shareholders with the directors' recommendation shortly.

**BEECHAM GROUP, LTD.**—Dealing with the home trade section of the company's activities in his annual review for the year ended March 31, the chairman (Lord Dovercourt) draws attention to the continuing intense competition among dentifrices and adds: "Over the years an increasing proportion of dentifrices has been sold through grocers and the growing strength of the group's sales force calling on grocers has helped us to take advantage of this trend." In the shampoo field he claims that one-third of the total purchases by the public of all types in the U.K. were marketed by the group. Export and overseas total sales by the group were £11·2 millions of which proprietary medicines accounted for £4·6 millions and toilet products, £5·89 millions. The group's business in the United States "now makes a substantial contribution to the group's profits." (For accounts see C. & D., May 31, p. 519).

## BUSINESS CHANGES

**AVON COSMETICS, LTD.**, have opened offices at 175 Piccadilly, London, W.1 (telephone: Hyde Park 0970).

**W. NAUMANN & SONS LTD.**, essential oil importers and exporters, 40 Charterhouse Square, London, E.C.1, have ceased trading.

**POTTER & MOORE, LTD.**, Lavender House, Seymour Road, London, E.10, acquired the assets and goodwill of the Delavelle companies, including those of Freshness, Ltd., on July 1. It is intended that the two organisations shall preserve their separate identity for the time being, and customers are asked to continue to send orders and remittances direct to Delavelle at 38 Orsman Road, London, N.1, until further notice.

## Appointments

**MISS E. LEAR, M.P.S.**, who is deputy chief pharmacist at the Whittington Hospital, Highgate, London, has been appointed chief pharmacist

at the West Herts Hospital, Hemel Hempstead. Until she can take up her duties there the post is being filled by Miss C. C. Bird who until 1956 was pharmacist in charge of the Harpur Memorial Hospital, Old Cairo, Egypt, for thirty-three years.

**SHARPLES CENTRIFUGES, LTD.**—M. E. O'K. Trowbridge has been appointed managing director and Mr. J. J. Serrell has been appointed to the board.

## DEATHS

**BACON.**—Recently, Mr. Jack Bacon, M.P.S., proprietor of George Eley, chemists, 6 Market Street, Ashby-de-la-Zouch, Leics, aged sixty-two.

**BRETT.**—On June 27, Mr. Thoroton Pockington Brett, M.P.S., Broadlands, Cowslip Hill, Letchworth, aged eighty-eight. Mr. Brett was trained at Dr. Muter's College and qualified in 1893. In 1904 he joined the staff of one of the oldest pharmacies in London, W. Hooper & Co., Russell Street, Covent Garden (established 1732). The firm moved to Letchworth Garden City in 1906, and Mr. Brett became a partner with the late Mr. W. Warren, Ph.C. in 1919, retiring from business in 1947.

**DAVID.**—On June 16, Mr. William Islwyn David, M.P.S., Llynfell Pharmacy, Cwmllynfell, Swansea, aged fifty.

**DONALDSON.**—On June 21, Mr. Henry Donaldson, M.P.S., 28 Northfield Road, Kings Norton, Birmingham 30. Mr. Donaldson qualified in 1920.

**FINEGAN.**—At his residence, 38 Brews Hill, Navan, co. Meath, Eire, recently, Mr. William Finegan, M.P.S.I. Mr. Finegan qualified in 1912.

**FISHER.**—On July 1, Mr. William Fisher, M.P.S., 17 Bellevue Crescent, Edinburgh, formerly of 75 Leith Street, Edinburgh. Mr. Fisher qualified in 1887.

**GLADDEN.**—On June 12, Mr. Kenneth Robert Gladden, M.P.S., 92 Lichfield Road, Southtown, Great Yarmouth, Norfolk. Mr. Gladden qualified in 1911.

**HARRIS.**—On June 5, Mr. Reginald Thomas Harris, M.P.S., 119 Birchfield Road, Headless Cross, Redditch, aged sixty-three.

**MOSS.**—On July 4, Mr. Edgar Moss, M.P.S., Casa Mia, Seacroft Avenue, Barton-on-Sea, Hants, aged seventy-nine.

Mr. Edgar Moss was chairman and founder of E. Moss, Ltd., Feltham, Middlesex. After studying at Manchester he qualified in 1902 and started in business on his own account at Feltham in 1915.

His first branch was opened at Hayes, Middlesex, in 1921. By 1934, when the business was turned into a limited company, the number had grown to



eight, while today there are thirty-three employing some 250 people. He was proud of the employees' pension scheme which the firm inaugurated in 1940, as well as of the dowry on marriage for young lady assistants, who receive three months' salary as a wedding gift after six years' service. Mr. Moss was twice married and lived to celebrate two silver weddings. His only child, Mr. Harold G. Moss, M.P.S., was the son of the first marriage and has been managing director of the business since 1934. The funeral service was held on July 9 in Milton Parish Church prior to cremation at Bournemouth. The company was represented by Messrs. J. R. James, K. W. Richardson, M.P.S., and G. J. Harvey, M.P.S. (co-directors).

Mr. C. T. Curry, M.B.E., New Milton, Hants, writes: Mr. Edgar Moss had demonstrated his qualities of "soul and heart" in many ways locally since he and his wife came to live at Barton-on-Sea some twelve years ago. A man of happy expression and great charm of manner, with a slow smile and quiet chuckle, he was always doing somebody a good turn, whether it was a lift in his car to or from the bowling club, or to a football match at Boscombe, a visit to the sick, or a gift to the needy or some charity, of which the public knew nothing. "Eddie," as he was affectionately known to the bowling fraternity, had been fighting ill-health for nearly a year and underwent an operation in Lymington Hospital last September. Apart from his family and love of his well-kept garden, in which he specialised in growing geraniums, Mr. Moss's active interests were confined to his business, bowling and Freemasonry. He was a Freemason of over thirty years' standing, and passed through the chair of Spelthorne Lodge, Staines, in 1937, when he had the distinction of initiating his son to the craft. He was the founder-Master of the Temple of Staines Lodge in 1943 and had the unusual distinction of installing his son to succeed him as W.M.

## PERSONALITIES

MR. HUGH WILLIAMS, M.P.S., has retired for health reasons and his business at 8 Gloddaeth Avenue, Llandudno, Caernarvon, is no longer registered as a pharmacy.

MR. A. R. L. EVANS, M.P.S., who has been manager of Boots, Ltd., Market Place, Peterborough, for the past six years, has retired in order to enter Worcester Theological College in the Autumn to train as a minister of religion.

MR. K. E. SEWARD-SHAW, M.A.(Oxon.), who has been called to the Bar by the Middle Temple, is personal assistant to the managing director of Ciba Laboratories, Ltd. He has been working in the company's administration department for the past eighteen months.

MISS JOYCE PARKER, M.P.S., has been appointed Editor of *Chemical Products*. Miss Parker, who qualified in 1945, was previously for a number of years engaged in the work of the editorial section of May & Baker, Ltd., Dagenham, and has had other experi-

ence on the manufacturing and wholesale side of pharmacy.

ALDERMAN T. F. H. WILSON, the mayor of Wallasey, Cheshire, who was stated at his election in May to be the oldest mayor in the country, has been for over half a century an employee of Clay & Abraham, Ltd., Liverpool. Alderman Wilson commenced service with the company in 1900, and was its Liverpool traveller until 1953. Though now "more or less retired," he still makes a few calls on the Liverpool hospitals on behalf of Clay & Abraham (Wholesale), Ltd.

## MANUFACTURERS' ACTIVITIES

**Presentation to a Representative.** — Mr. E. A. Kitt, well known to East Anglian pharmacists, retired recently on the completion of thirty-five years' continuous service with International Chemical Co., Ltd., Chenies Street, London, W.C.1. A ceremony to mark the occasion was held at the company's



headquarters on June 25, when Mr. Kitt was presented with a fireside chair from representatives and head office staff. The presentation was made by Mr. A. J. C. Gormley (chairman of the company) and a further tribute was paid to Mr. Kitt by Mr. T. D. C. Cordner (managing director). It was then announced that Mr. Kitt would shortly receive also a silver cigarette box inscribed with the words "From the chairman and directors of International Chemical Company." Following the presentation Mr. Kitt was guest of honour at a luncheon attended by a number of his colleagues. Mr. Kitt first joined the Kynnos Co. in 1922.

**Chilean Visitors.** — On June 26 three professors of chemical engineering from Chile and thirteen of their students visited the works at Stone, Staffs., of Quickfit & Quartz, Ltd., where they saw the making of glass chemical plant and interchangeable laboratory glassware. Earlier that day they had visited the works at Fenton, Stoke-on-Trent, of Q.V.F., Ltd., the associated company of the chemical glassware division, Triplex safety-glass group of companies. Leader of the party, which

## N.H.S. STATISTICS

In STAFFORDSHIRE during 1957-58, pharmaceutical services cost £822,587—£20,686 more than in 1956-57.

In WORCESTERSHIRE during 1957-58, 1,586,032 prescriptions were dispensed compared with 1,453,432 prescriptions dispensed in 1956-57.

In MIDDLESEX during 1957-58, 11,145,887 prescriptions were dispensed compared with 11,539,907 in 1956-57. Total cost was £3,517,564 (£3,157,513), an average of 76·03d. (64·41d.) per prescription.

the National Union of Students sponsored, was Professor Gustavo Pizarro, of the Universidad de Concepcion, Chile. With him came Professor Salvador Galvez Rojas and Professor Hermosilla Brito.

**Across Antarctica.** — Dr. Allan F. Rogers (medical officer to the Trans-Antarctic Expedition 1955-58), who accompanied Sir Vivian Fuchs on his journey across the South Pole, gave a lecture to the staff of Evans Medical Supplies, Ltd., Liverpool, on July 3. The lecture, arranged under the auspices of the Evans Scientific Society, was entitled "Antarctic Journey" and was illustrated by lantern slides. Messrs. Evans Medical furnished and packed all the medical and veterinary supplies for the Expedition.

## HERB CROPS, 1958

THE following medicinal herb crop report for 1958 has been received from William Ransom & Son, Ltd., Hitchin, Herts:—

The wet weather and lack of sunshine during June has made conditions difficult for keeping medicinal crops reasonably free from weeds. The crops themselves are beginning to suffer and need drier weather.

**BELLADONNA.** — We harvested an average crop during May but this year's plantation, although looking very promising in May is now in poor condition. Drier weather is essential for the crop.

**CHAMOMILE.** — The crop has made too much growth. A small yield of oil is expected as the flowers have been damaged by rain.

**HEMLOCK.** — A good crop. The seed will be collected during July.

**HENBANE.** — We harvested a good crop of second biennial leaf during May. The first biennial, sown in the spring, is in poor condition and may have to be re-sown unless the weather improves within the next few days.

**LACTUCA VIROSA.** — A good crop. Weather conditions have been ideal for this crop.

**LAVENDER.** — Another good crop which has made excellent growth and is just coming into flower. Yield of oil will depend on weather conditions later in July. We have a larger acreage under this crop than for many years.

**PEPPERMINT.** — Rapid growth has taken place but weeds are difficult to control. We expect at least an average crop, but like lavender the yield of oil will depend on weather conditions over the next few weeks.

## NEW PRODUCTS AND PACKS

**Chlorothiazide Tablets.**—Ward, Casson, Ltd., 15 Hay Hill, London, W.1, announce the introduction of Saluzide tablets, each containing 0.5 gm. of chlorothiazide. The packs are bottles of 100, 250 and 1,000 tablets.

**Prednisolone Ointment.**—Pfizer, Ltd., 137 Sandgate Road, Folkestone, Kent, announce that Deltacortril DA topical ointment (4 per cent. prednisolone diethylamino acetate) is being made available on July 14 in containers of 5 and 15 gm. Used topically for the treatment of dermatoses. Deltacortril DA ointment is claimed to have shown results better than or as good as 1 per cent. hydrocortisone ointment.

**Ophthalmic Prednisolone with Neomycin.**—Merck Sharp & Dohme, Ltd., Hoddesdon, Herts, have launched a new speciality, Codelsol ophthalmic solution with neomycin, a complete solution (not a suspension) of prednisolone 21-phosphate (a new steroid compound) with neomycin. Claimed entirely non-irritating, the product has a wide range of clinical indications. It is presented in 2.5-mil dropper bottle.

**Pack-cum-Syringe.**—Claimed the first of its kind on the British market, the polythene Jet-Pak, a combined pack and syringe, produced by the Crown Chemical Co., Ltd., Stair, Lamberhurst, Kent, is designed as a package for super-Cryozol, a remedy for mastitis in cows. It offers the advantages that the dose arrives ready for use, effectively sealed against dust and dirt. When the cap has been removed from the nozzle, the dose is injected into the teat canal, the teat being steadied with one hand while the plunger is pressed firmly home with the other. The jet from the syringe is stated to shoot the liquid to the top of the udder, whence it spreads rapidly downwards. After use, the Jet-Pak is thrown away, the next dose—if one is needed—coming in its own new syringe.

**New Packaging for Injection Solutions.**—The entire range of speciality and standard injection solutions of Allen & Hanburys, Ltd., Bethnal Green, Lon-

don, E.2, is now supplied in cartons of five ampoules outered in box of 100 (a pack already in use for certain injections such as Scoline and Apyrogen). The present packs of six and 100 ampoules are being discontinued. When less than 100 ampoules (including Dangerous Drug items) are required, packs of five equivalent to, or nearest below, the quantity ordered, are being

supplied. Prices of certain packs of 100 have been adjusted.

**Anti-convulsant.**—Abbott Laboratories, Ltd., 8 Baker Street, London, W.1, announce the introduction of a new speciality, Peganone (ethotoin, Abbott), a new anticonvulsant of the hydantoin series. With the company's other specialities Tridione, Paradione, Phenurone and Gemonil, the new speciality makes a range of products for the treatment of epilepsy. Developed in the company's research laboratories, Peganone is claimed especially effective in the control of *grand mal* epilepsy and is noteworthy for its relative lack of side-effects. Chemically it is 3-ethyl-5-phenylhydantoin. The drug has also been reported of benefit in a number of cases of *petit mal* and similar seizures. Peganone is understood to be compatible with all commonly employed anticonvulsant medications including other hydantoin derivatives. Good results may be obtained from the combined use of Peganone with Tridione or Paradione in mixed types of epilepsy. The average adult dose of the product is 2-3 gm. daily after food and given in four to six divided doses. It is available in bottle of 100 500-mgm. grooved tablets.

**Rose-hip Glucose.**—Optrex, Ltd., are marketing through their distributors

**Lavender Tablet.**—Racasan, Ltd., Ellesmere Port, Cheshire, are marketing in a display box a lavender tablet, the Racalet. The tablet is intended for "all-around-the-home" air-freshening, moth-repelling, mildew-control, etc., purposes. Attractively packaged in the Racasan style, it has a display carton in dark green, yellow and lavender.

**Nylon Elastic Stockings.**—Scholl Mfg. Co., Ltd., 182 St. John Street, London, E.C.1, have introduced a new nylon elastic-yarn lightweight stocking under the name Nylastik. A full-footed



hose specially suitable for early varices, for tired and aching legs, or for prenatal wear. Nylastik is available for prescription on EC10 forms. A 15 x 10 in. showcard (see illustration) is available.

**Battery-operated Shaver.**—A.V.P. Industries Group have acquired sole distribution rights in Great Britain, Eire and the Commonwealth countries (excluding Canada) for a new battery-operated electric shaver to be known as the Tourist De-luxe. The shaver operates from four penlight batteries within the shaver. It is being marketed by a new company: A.V.P. Industries



Keldon, Ltd., Wadsworth Road, Perivale, Middlesex, a rose-hip syrup with glucose: Optrose. Optrose is issued in a display container of six cartoned bottles suitable for window or counter.

**Digestion Tablets.**—Universal Laboratories, Ltd., Folkestone, Kent, are marketing a new "digestion tablet" Daxaids, based on the single substance DASC (dihydroxy aluminium sodium carbonate).

**Corn and Callous Plasters.**—Sole importers and distributors for Great Britain, Northern Ireland and Eire of Exclavil corn and callous plasters are Exclavit Co., 18 Hill Rise, Richmond, Surrey. Exclavil, claimed to have "a special deep-penetration action," is presented in an outfit that contains three corn plasters, two callous plasters and the ingredients for two foot baths. The outfit is already in distribution in thirty other countries.



(Sales), Ltd., 35 Berkeley Square, London, W.1. Weighing only 9½ oz., the Tourist De-luxe no-flex battery shaver is small enough to slip into a vest pocket, and capable of an average daily shave for six weeks on one set of batteries.

**Cosmetics and Packs.**—Gala of London, Ltd., Hook Rise, Kingston Bypass, Surbiton, Surrey, are now issuing their "velvet finish" make-up in a new case of deep red plastic with star en-



don, E.2, is now supplied in cartons of five ampoules outered in box of 100 (a pack already in use for certain injections such as Scoline and Apyrogen). The present packs of six and 100 ampoules are being discontinued. When less than 100 ampoules (including Dangerous Drug items) are required, packs of five equivalent to, or nearest below, the quantity ordered, are being

graved in gold, and have made available in a round box their "velvet" powder. Messrs. Gala have also introduced a new shade in eye line shadow: "silver shadow," and Gala nail colour remover is now in a new look bottle, while larger packs have been issued of Gala lemon cleanser and tonic, and a new small trial-size bottle for Gala hormone lotion.

**New Lipstick Range.** — The makers of Tangee lipsticks, through their distributors, Thomas Christy & Co., Ltd., 152 North Lane, Aldershot, Hants, are marketing a new range of Tangee lipsticks with a lanolin base "for protection of the lips." The lipstick is stated to be "of the long-lasting as opposed to the indelible type" of lipstick. It gives a fashionably glossy appearance to the mouth and the colours "remain true for many hours without fading or becoming dry-looking." There are eight shades, including Tangee natural. A

three-doz. parcel (two doz. lipsticks on dispenser unit and a separate doz. to refill card as stock is sold from it) contains an assortment of eight natural, five pink mist, three dancing peach, and four of each of red velvet, honey pink, mystic pink, cherry and theatrical red shades.

**In Uncrushable Tube.** — Bristow's lanolin cream shampoo is now available in an uncrushable polythene tube, claimed the first for a shampoo. The tube is red, with the word lanolin in white on a mauve band, and is fitted with a "fez"-type cap. Directions are printed on the side of the tube, which cannot be crushed out of shape, while its flexibility enables the whole of the contents to be squeezed out. Bristow's lanolin cream shampoo in tube is issued in a display pack of 1 doz. The manufacturers are County Laboratories, Ltd., Honeypot Lane, Stanmore, Middlesex.

## TRADE

**Withdrawn.** — J. & J. Colman, Ltd., Carrow Works, Norwich, have withdrawn the 2-oz. bottle of their lemon juice.

**Change of Distribution.** — From July 1 the manufacture and distribution of Camilatone products is being taken over by F. W. Hampshire & Co., Ltd., Sunnydale, Derby.

**Change of Pack.** — Merck Sharp & Dohme, Ltd., Hoddesdon, Herts, are now issuing their Tetrazets throat lozenges in a new vacuum pack (in place of the former glass vial).

**Swedish Warfarin.** — Lake & Cruickshank, Ltd., North Bridge Road, Bexhamsted, Herts, are suppliers of warfarin and warfarin soluble sodium salt as agents of A. B. Ferrosan, Malmö, Sweden.

**Correction.** — In "Guide to New Medicaments" (C. & D., July 5, p. 16) the name of the manufacturers of Choledyl syrup should be corrected to Allen & Hanburys, Ltd., Bethnal Green, London, E.2, to whom apologies are due for a printer's error.

**Discontinued.** — Smith & Nephew Pharmaceuticals, Ltd., Bessemer Road, Welwyn Garden City, Herts, announce that oculum Eucerini is being deleted from the Eucerin range of products so soon as the remaining stock of the 40 fl. oz. size is exhausted.

**Soap With Tooth-paste.** — D. & W. Gibbs, Ltd., Hesketh House, Portman Square, London, W.1, are offering with each tube of S.R. tooth-paste a full-size tablet of Astral cream soap. The offer applies to each size but is available for a limited period only. Full profit is allowed on both products.

**Distribution Change.** — From July 1 the distribution of the Stanwood treatment (for the tobacco habit) is being undertaken on behalf of the manufacturers. Stanwood Proprietaries, Ltd., Bolton, by Thornton & Ross, Ltd., Linthwaite Laboratories, Huddersfield.

**Now Nationally Distributed.** — After a pilot launching in London, Snug denture cushions are being nationally distributed and advertised by G. T. Ful-

## NOTES

ford Co., Ltd. (of Canada), Cornwall Road, Hatch End, Middlesex. Snug is a soft plastic cushion that "holds dentures tighter." It is easily cleaned with the denture.

**Christmas Trade Shows.** — In addition to their shows already notified (C. & D., July 5, p. 8) in various towns throughout the United Kingdom, Roberts Windsor Soap Co., Ltd., Windsor, are giving a London showing of their Christmas gift lines. It is being held at the Grosvenor Hotel, Victoria, S.W.1, July 22-24.

**Distributing Agents.** — Levmedic, Ltd., 37 Bedford Row, London, W.C.1, are the recently appointed sole distributing agents in the United Kingdom for the pharmaceutical specialities of Farbenfabriken Bayer, A.G., Leverkusen, Germany. Chemists are invited to write to Messrs. Levmedic for the current price list of specialities of their German principals. Technical information about the company's products is also available.

**Swim-ring Offer.** — Aspro-Nicholas, Ltd., Slough, Bucks, are offering to users of Lifeguard disinfectant a strongly made swimming ring that fits any child between five and twelve years old. It may be obtained from the company for 3s. 9d., sent with an inner-cap seal from any size bottle of the product. The ring is 17 in. in diameter and of red and white satin-finish plastic. The offer, which is being supported by Press advertising and display units, is open until September.

**Guide to the B.P. 1958.** — A limited number of copies are now available of a 118-p. B.D.H. *Guide to the B.P. 1958* just issued by The British Drug Houses, Ltd., Graham Street, London, N.1. Like its predecessors the volume deals with the new standards which are to be introduced in the Pharmacopœia that becomes official on September 1. Each monograph is noted and where applicable the amendments are indicated. A concise description is provided of those preparations that became official for the first time.

**Chemists-only Hot-water Bottles.** — S. Maw, Son & Sons, Ltd., New Bar-

net, Herts., have produced a broadsheet in full colour illustrating and giving details of their "finest range of hot-water bottles ever offered." Every one in the series (nine designs), ranging in price from 3s. 11d. for a miniature to 8s., and including a 5s. bottle with Schrader stoppers, is "chemists only." Twelve free bottles are included in orders for 12 doz. placed before August 30 (for delivery on any nominated date before December 1).

**Available as Coated Tablets.** — Bayer Products, Ltd., Neville House, Eden Street, Kingston-on-Thames, Surrey, announce that Plaquenil hydroxychloroquine sulphate antimalarial for the treatment of discoid lupus erythematosus, which has been found much better tolerated than previous drugs for the treatment of other collagen diseases, including rheumatoid arthritis, is in increasing demand on prescription. To ensure greater flexibility of dosage and to cover the somewhat bitter taste of the uncoated tablets, Messrs. Bayer are now supplying the product as 200-mgm. sugar-coated tablets in bottles of 100 and 500.

**Prizes for Stockists.** — Stockists of the new Silvikrin leaf shampoo are being invited to enter a special competition organised by the makers, County Laboratories, Ltd., Honeypot Lane, Stanmore, Middlesex. The competition is designed to encourage retailers to state what they consider the most effective sales aid for a new product (by asking them what they think are the most important sales aids from a seven point list). Each entrant is asked also to make a specific recommendation on the best way to promote the sale of Silvikrin leaf shampoo in his shop. The first and second prizes are £100 and £50 respectively, and they will be doubled if, when the winners are advised of their success, they have a display of Silvikrin leaf shampoo on their counters at the time. There are also ten consolation prizes of £15 each. The results are being announced by August 31. Entry forms, available from the company, should be completed and posted so that they are received not later than July 31. The competition is open to any customer (or his nominee) who has placed an order for Silvikrin leaf shampoo direct before closing date.

## Holiday Closings

**MANESTY MACHINES, LTD.**, Speke, Liverpool, 24. July 26 to August 11 (for annual holiday). Only urgent correspondence and orders for spare parts dealt with between those dates.

**WILLIAM RANSOM & SON, LTD.**, Hitchin, Herts. Closed for annual summer holiday from Friday evening, August 15 until Monday morning, September 1.

**EDWARD TAYLOR, LTD.**, Monton, Eccles, Manchester. Closed for summer holiday from Friday evening, July 25 until Tuesday morning, August 5. Skeleton staff on duty for urgent hospital orders.

**WESTBROOK LANOLIN CO.**, 109 Duckworth Lane, Bradford, Yorks. Closed for annual holiday August 1-18 (not as recently stated).

# Correspondence

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

## Settling in Western Australia

SIR.—In organising a new life for myself and each member of the family out here I have had little spare time. Today is midsummer's day and although the sun has shone continuously it does get rather chilly at night, and we are having wood fires—no coal used here! Almost everything in wood is made of local jarrah—a reddish, very hard wood which lasts indefinitely—but it does make furniture heavy! The pharmacy at this hospital is quite extensive, but has lacked a few essentials which I am trying to install. The past ten months have passed quickly with so much to do. I have today had Dr. Watson (head of the pharmacy college) to look over the pharmacy with his new lecturer. They have all been very helpful to me and most co-operative. I attend the monthly meetings of the Society and have got together the twenty hospital pharmacists, who are also meeting monthly. The hospital is rapidly developing, the Medical School being officially opened this year and I expect to do some lecturing next session. There are many staff from England and most others have visited the "old country" at some time. The commercial set-up is rather different as Western Australia is still rather isolated from the other States. Most public health bodies obtain supplies through a government dépôt (whose clerk in charge knows nothing about drugs!). As Fremantle is the first port of call in Australia, and we are only half-hour's journey away, I shall always be pleased to see and show any visitors round the Royal Perth Hospital.

ALBERT E. FOOTITT,  
Perth, Western Australia

## Jerusalem's Pharmacy School

SIR.—This is a much appreciated opportunity of telling your readers something about the school of pharmacy of the Hebrew University in Jerusalem (see also p. 25). The school was opened to its first graduates in 1953. It is a new school. Up to now students and teachers have had to work under most difficult conditions, in overcrowded laboratories. We hope that the coming students will have an easier time in the new building of the school of pharmacy, which is being erected in the near future. The curriculum has undergone several changes during my four years of studies, and will probably undergo more changes in the future, in order to adjust itself to the many new discoveries which affect the studies of pharmacy the world over. I may say that we are rather lucky in being a new young school. The ties of tradition which usually retard changes in the curriculum of many schools do not exist in our case. The school tries and succeeds in keeping a very high standard of education, abreast with all new developments in the field of pharmacy. But, alas, lack of tradition is not always an asset. From it arise many problems not usually met by your readers. Two

pharmacopeias are official in Israel: the British Pharmacopœia and the *Codex Français*. Israel being a country of immigration, the above-mentioned books are not known to many physicians who have come from countries outside the British Commonwealth or France. As a result, students of our school are called upon to acquaint themselves with many drugs and formulas besides the official ones. We do hope that the existence of a school of pharmacy in conjunction with a school of medicine at the Hebrew University may bring nearer the time when that problem will find its true solution. There is, at the moment, a shortage of qualified pharmacists in Israel, and graduates of our school are called upon to fill vacancies in research, industry and retail pharmacies.

I. BARAK, M.Pharm.,  
Rehovot, Israel

## Money Well Spent?

SIR.—One is tempted to hope that many firms that manufacture ethical products for dispensing, and whose only propaganda method is via the medical "rep" to the busy general practitioner, might be tempted to follow and even extend Xrayser's advice (*C. & D.*, June 14, p. 627). One can imagine some of our overseas firms, with advanced selling techniques, making a present of a long play, hi-fi, super-plus, etc., record-player to each doctor who promised to prescribe the company's products. That could then be followed by a monthly L.P. record of famous works, broken into occasionally by "Don't forget your promise to prescribe Mumbomycin for all patients who suffer from gout or housemaid's knee," etc. That would do away with the necessity for medical representatives, and would have the following advantages:—(a) Firms would be saved the cost of the medical "rep's" salary, expenses and cars; (b) doctors' patients would not have long periods of waiting whilst the "reps" did their stuff; (c) many young pharmacists would be compelled to seek employment as pharmacists instead of "high-pressure" their way from surgery to surgery in their ears, to the ever-increasing cost of N.H.S. Finally it might be suggested that such a course would be greatly of benefit to the public in the long run, as it would tend to leave the doctor time during his surgery to give more complete consideration to every case that comes to him.

H. S. YATES,  
Rolleston-on-Dove

## Trading Stamps

SIR.—I feel that certain points in Mr. King's letter to you (*C. & D.*, June 21, p. 660) regarding stamp trading schemes require answering. First of all Mr. King suggests that more manufacturers should threaten to close accounts where trading stamps have been given. May I suggest that this smacks of restrictive trade practice, and could well

be the result of representations from some of the larger combines, manufacturing and retail organisations. Whereas large drug houses and manufacturers can, and do, push the promotion of their goods to the utmost limits of pharmaceutical ethics, the independent retailer cannot afford to spend large sums of money on sales promotional schemes. Moreover, as soon as any of them decide to do something to promote their business they are accused of a breach of ethics. Mr. King also calls stamp schemes "unfair trading," which, he says, benefits nobody but the promoter. I can only assume that he has overlooked discounts and price cutting, which appear to be allowed in large concerns, and surely constitute "unfair trading." In view of the fact that such practices seem to have been accepted by both retailers and their Associations, would it not be fair to say that a sales-promotional scheme such as ours is probably the independent retailer's one and only answer to this form of "unfair trading," and could hardly be called unethical?

J. T. KINGSLEY-CURRY  
GREEN SHIELD TRADING STAMP CO., LTD.  
[But see p. 41.—EDITOR.]

## Demonstration of an Instrument

SIR.—I wonder whether your readers would be interested in attending a demonstration of the Beckman model GC-2 gas chromatograph, to be given in the London showrooms of Baird and Tatlock (London), Ltd., 14 St. Cross Street, London, E.C.1, at 2.30 p.m. on Tuesday, July 15. A talk and practical demonstration of the instrument is being given by Herr K. G. Solla (Beckman Instruments, Munich). The model GC-2 gas chromatograph is a versatile instrument that can handle gases and liquids with boiling points up to 350° C. The reproducibility is ± 0.1 per cent. Visitors will be welcome, and they are invited to bring samples for test during the demonstration, but it would be appreciated if visitors could let the company know that they intend to be present.

D. J. WYKES,  
BAIRD & TATLOCK (LONDON), LTD.,  
LONDON, E.C.1

## Badges

SIR.—Although a resolution urging the provision of a badge for pharmacists was decisively turned down at a Branch Representatives' meeting, I rather wonder why? Have not pharmacists already adopted a kind of professional badge with their white coats? There are many wearers of badges for a variety of purposes and most of those wearers are proud to be so adorned. Others are just as vain about their college badge or blazer, their old school tie, or Service badge. Some pharmacists I have met seem properly proud of their connection with the Square, Chelsea, the Bath and West, or whatever, but most pharmacists couldn't care less. Why? ELDER BROTHER

## FIGURES IN THE PHARMACEUTICAL WORLD

AT this year's annual meeting of the Pharmaceutical Society of Great Britain it was announced that a Fellowship of the Society under the new by-laws had been granted to Mr. John Rae of Liverpool. The award was only the second of its kind, and it was made at a substantial interval from the first.

The choice of Mr. Rae for the honour will be endorsed by all who know him, and will be recognised as fulfilling to the letter the conditions formulated in the by-laws governing the award:—

The Council may designate as fellows of the Society such members of the Society of not less than five years' standing as in the opinion of the Council have made outstanding original contributions to the advancement of pharmaceutical knowledge.

The new Fellow has given devoted service to the Society, and especially to his pharmacist colleagues in Liverpool, over a long period. Two years after qualifying as a chemist and druggist in 1920 he was elected to the Council of the Liverpool Chemists' Association and to the committee of the Liverpool and District Branch. A year later, and for the next ten years, he was secretary of the two bodies. Elevated in 1934 to the vice-presidency of the Association and chairmanship of the Branch, he was in office in those posts for four years and then promoted to the highest office of both bodies in 1938 and 1939.

Mr. Rae is not a native of Liverpool. He settled there on qualifying, when he accepted a post as assistant with Clay & Abraham, Ltd., a business of the highest repute in the annals of British pharmacy since 1813. Apart from a three-year break (1926-29) during which—still in Liverpool—he was in charge of the analytical laboratories of R. Sumner & Co., Ltd., he has been with Messrs. Clay & Abraham ever since, rejoining the company as director in charge of the manufacturing laboratories and wholesale side of the business (he took over from the late Mr. A. C. Abraham on the latter's retirement). When the company went into voluntary liquidation in 1953, Rae founded a new company under the style Clay & Abraham (Manufacturing), Ltd., taking over the wholesale and manufacturing sides of the original business, the retail side passing to two of his former colleagues as Clay & Abraham (Retail), Ltd.

Of Scottish ancestry on his father's side, Mr. Rae had an East Anglian mother, and was himself born at Cromer. His pharmaceutical apprenticeship was served in Wales, at the Deganwy, Caernarvons, pharmacy of J. D. Melling. After two years it was interrupted by his departure for voluntary service with the Royal Welch Fusiliers in the 1914-18 war, and was never resumed. Instead he went on to qualify as a chemist and druggist from the Liverpool School of Pharmacy under Mr. H. Humphreys Jones.

It was not, of course, for his pharmaceutical career and executive services to the profession that Mr. Rae received his Fellowship. It was awarded on the recommendation of a committee of



### 63. MR. JOHN RAE

assessors that considered evidence of his scientific contributions, which were many and valuable. At the 1931 meeting of the British Pharmaceutical Conference he presented a paper, "Tinctura Coccii," to be followed at the 1933 meeting with a "Comparison of the Action of various Solvents on Defatted Cochineal." One of the first persons in this country to study the pharmaceutical applications of propylene and ethylene glycols, he contributed to the Society's journal a series of articles on those compounds that was afterwards reissued as a booklet. A contribution on mist. pot. brom. et nuc. vom. was instrumental in bringing about a change in the colouring matter decreed for that galenical in the British Pharmaceutical Codex and National Formulary. Over the years Mr. Rae has published more than seventy papers and articles in the *Pharmaceutical Journal*, apart from numerous contributions to the *C. & D.*,

*Retail Chemist, Manufacturing Chemist, Analyst and British Journal of Dermatology and Syphilis.* He was a member of the pharmacy consultative committee of the British Pharmaceutical Codex, 1934. As a sidelight on his interest in propylene glycol he recounts how, in the early part of the 1939-45 war, when the compound became commercially unobtainable, he approached the Ministry of Supply and extracted from them a promise that he should be permitted to receive 1 gall. for experimental purposes. In due course it was delivered to him with great ceremony by two uniformed airmen in the sealed package in which it had been specially flown over from the United States. To this day Mr. Rae has received no demand for any payment for it.

The original contributions of Mr. Rae to research (and it was those which secured for him his Fellowship) are paralleled by an inventiveness in the

field of pharmaceutical manufacture. His company, just before the war, was marketing an iodine "pen" for which the screw-necked glass tube and its screw-on cap were obtained from Germany. Rae took out a patent for a rubber cap for use on the simpler British-made war-time substitute glass tube, later designing a plastic tube which is still used.

Another of his ingenious innovations was designed to overcome the draw-

backs—to both user and stockist—of the old-style smelling-salts bottle by presenting ammonium carbonate crystals in a plastic (polythene) "squeeze" bottle with rigid plastic cap.

Apart from his scientific writings Mr. Rae has ventured successfully into other branches of journalism with literary contributions to the *Liverpool Post* and other newspapers and specialist articles on gardening (he is an enthusiastic gardener and beekeeper) to the

horticultural periodical *My Garden*.

All told, Mr. Rae's career exemplifies that blend of constructive thinking, business ability and the "humanities" that are understood to be the objectives of current educational policy. His example, now that the Society has brought it into the limelight, could well provide inspiration to younger people now embarking on a pharmaceutical career to continue contributing to phar-macy's scientific advancement.

## AN ANNIVERSARY MESSAGE

### Minister on ten years of National Health Service

TO mark the tenth anniversary of the National Health Service, the Minister of Health (Mr. Derek Walker-Smith) has sent the following message to the chairmen of Executive Councils, hospital boards, management committees, and lord mayors and mayors of county boroughs in England and Wales:

"Ten years ago a beginning was made with a quite new venture in the field of social welfare—the organised provision of a comprehensive health service for everybody; and today the National Health Service completes ten years' work. They have been years not free from difficulty. There have of course been many problems—problems of new patterns of administration, problems arising out of the nation's economic circumstances, and the multifarious problems of growth and development in new directions to meet changing needs. But these ten years have been years of solid achievement, and I feel that it would be wrong to let this anniversary pass without seeking to convey to you and all engaged in the National Health Service and in the associated Welfare Services the sense of gratitude and appreciation so widely felt throughout the country.

We recognise most easily and acknowledge most readily our debt to the skill and care of doctor and dentist, pharmacist and optician, nurse and midwife, health visitor and home help, physiotherapist and radiographer, and all those many others who are in immediate contact with the individual person and his needs. But there are many more whose contribution may be less apparent but is no less real. I have in mind, for example, hospital domestic, kitchen and laundry staff, maintenance workers, ambulance staff, porters, laboratory technicians, those caring for old people and for the handicapped, administrative and clerical staff, and all who, often unseen and sometimes unrecognised, by their work enable expert care to be brought more quickly and more adequately to the help of the patient.

I have also specially in mind the continuing and generous contribution, made not only by those whose daily work lies in the health and welfare services but by the thousands of men and women who render voluntary service of every kind. It is a remarkable and encouraging feature of the past ten years that the provision of comprehensive health services by public authorities out of public funds has not resulted in any falling off in voluntary work but rather in a renewal and a resurgence of it in new and varied

forms. Not least remarkable and encouraging—and this is characteristic of the whole Health Service—has been the constant willingness of volunteers to devote their time and energies to public service as members of the authorities responsible for the local administration of the different branches of the National Health Service, thus continuing and reinforcing the tradition which has long been a distinguishing feature of administration in this country. A great and often unacknowledged debt is due to authorities like your own for their work not only in promoting the

public good generally, but also in ensuring that health services shall be preserved as personal services meeting the needs of individual human beings.

Ten years is a short period in the life of these services, and we must look ahead as well as back, deriving encouragement from the success so far won to help us in meeting the changes and chances of the future. I am confident that your authority and all who are engaged in the health and welfare services will mark the tenth anniversary in this spirit, and will go forward with renewed vigour and purpose."

## IRAQI MINISTER ENTERTAINED

### Luncheon by British Pharmaceutical Industry Association

MR. Bahjat Kashmula (director-general of Medical Supplies, Iraq), who has been visiting Britain for a tour of pharmaceutical manufacturing plants and research laboratories (see C. & D., June 14, p. 627), concluded his tour on July 3. During his stay he met officials of the Ministry of Health, the Board of Trade, the Crown Agents for Overseas Governments and Administrations and the Pharmaceutical Society of Great Britain. He also visited the School of Pharmacy, University of London.

At a farewell luncheon given on July 3 the president of the Association of British Pharmaceutical Industry (Dr. T. H. M. Kerfoot) proposed a toast to Mr. Kashmula which was supported by Mr. John Vaughan-Morgan, M.P. (Minister of State, Board of Trade).

Dr. Kerfoot said the programme had been a strenuous one for Mr. Kash-

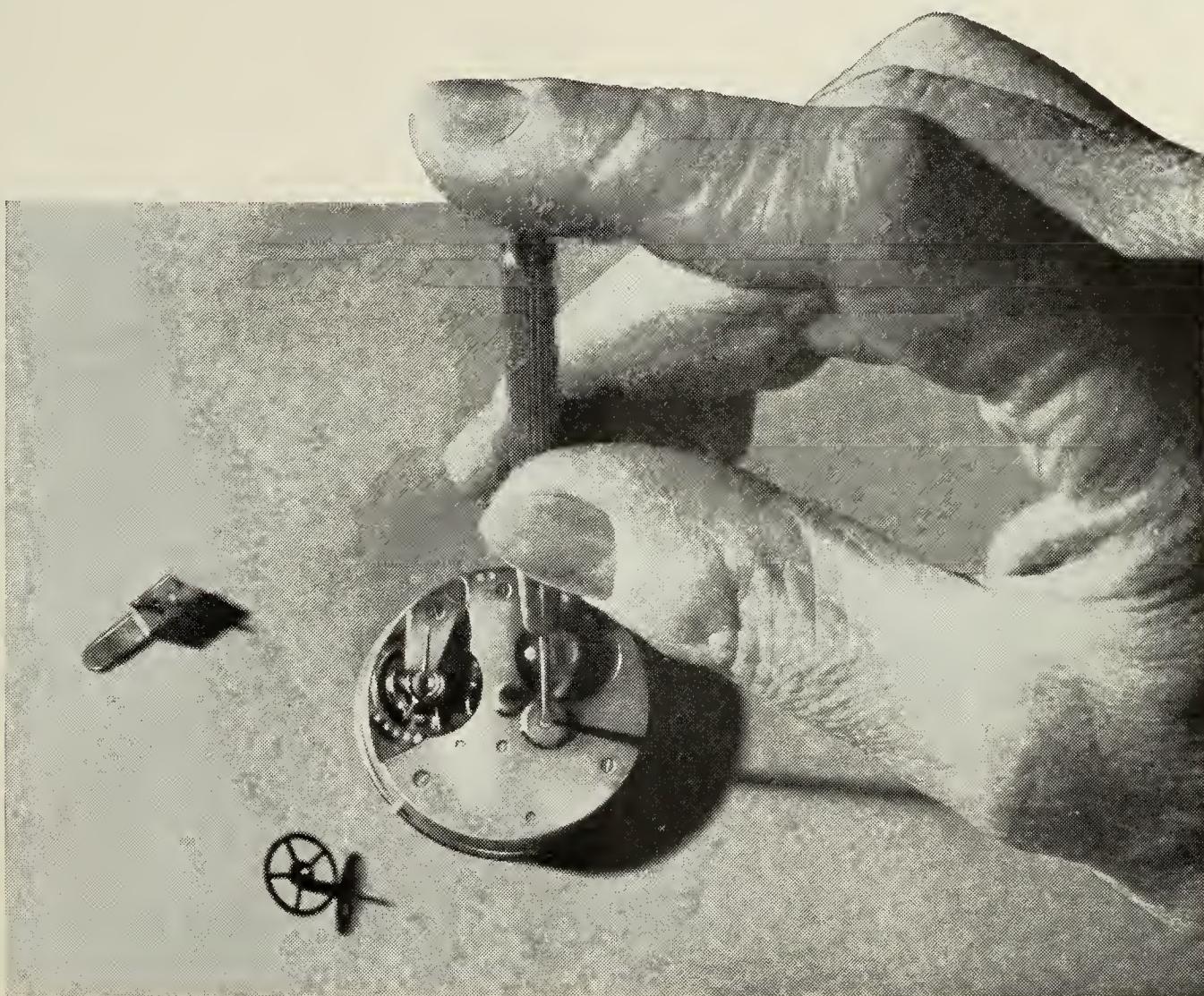
mula for he had visited sixteen to eighteen companies in the country and seen much of their products. He hoped Mr. Kashmula would take back to Iraq many happy memories of his visit. Mr. Vaughan-Morgan said he had many reasons to support the sentiment expressed by Dr. Kerfoot. As chairman of the Advisory Council on Middle East Trade he had recently returned from a tour of the Middle East and had spent eight days in Iraq. That country was taking great strides forward—its standard of living was going up and the development of its Health Service had been remarkable in the past few years. Britain had been bad at explaining her achievements in the past. It was an excellent idea to get men like Mr. Kashmula to visit the country and show what was being done by the pharmaceutical industry.

In thanking the Association and particularly Mr. J. M. Kirkness (assistant secretary) for a pleasant and interesting tour, Mr. Kashmula said he had been buying British drugs for eighteen years and had always found them most satisfactory.



Mr. John Vaughan Morgan (Minister of State, Board of Trade) (left) with Mr. Bahjat Kashmula and Dr. T. H. M. Kerfoot at the farewell luncheon.

## This man has Parkinsonism



**but he also has**

# **ARTANE\***

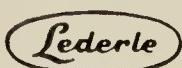
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ESTABLISHED 1859

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## "Notice" of Price

SECTION 25 of the Restrictive Practices Act 1956 allows a manufacturer to fix the prices at which his products may be sold and enables him to take action against a retailer who does not comply. The manufacturer need not have sold the products direct to the retailer, but he must ensure that the retailer has had notice of the resale conditions. The important question of what constitutes "notice" was considered in a recent case in which Goodyear Tyre and Rubber Co. (Great Britain) Ltd., brought proceedings against Lancashire Batteries, Ltd. Messrs. Goodyear sought an injunction to restrain the defendants from selling Goodyear tyres at prices lower than those in the makers' list. It was contended for them that adequate notice had been given to the defendant by a circular issued by the British Motor Trades Association, which first set out the general effects of section 25 of the Act and then stated that certain manufacturers and concessionaires (Goodyear included) supplied their products for resale subject to a condition that those products were sold at a certain price, the details of which might be obtained on application to the respective manufacturers and concessionaires.

When the case was heard by Justice Upjohn, he found for the defendants, but on appeal on July 8 the decision has been reversed. Thus it does not now appear incumbent upon a manufacturer to give separately to each retailer details of price conditions. A general notice drawing the retailers' attention to the existence of price conditions appears adequate.

## 43 per cent. Up

As will be seen from the report (p. 41) of the July meeting of the Council of the Pharmaceutical Society, the personal retention fee of members is being raised on January 1, 1959, from £3 13s. 6d. to £5 5s. The recommendation of the Finance Committee went through the "public" session on Wednesday morning with little apparent discussion, but it will be within the knowledge of most members of the Society—those, at least, who read their specialist Press—that the ground has been well prepared for an increase. Whether many expected so sharp a rise we have, of course, no knowledge, but of one thing we are confident—the level of the new retention fee will be expected by most members to remain unchanged now for a long time ahead.

The record of changes in membership dues in the past ten years or so is worth a "recap." Under the by-

laws approved by the Privy Council on January 18, 1937, the annual retention fee payable by a pharmacist in respect of the retention of his name on the register was £1 11s. 6d. Under the then constitution any proposed change in the by-laws had to be confirmed, not only by the Privy Council, but by three meetings of the Council of the Society. A change in the by-laws took place in 1944 under which the retention fee became, from January 1, 1945, £2. That amount stood till 1954. On May 17, 1951, proposals for a revision of the constitution were submitted to a special general meeting of members. A supplemental charter was granted on November 1953, one of whose effects was to simplify the machinery by which the Council could make, alter or revoke by-laws, and on January 1, 1954, a new set of by-laws was confirmed and approved by the Privy Council. One of its provisions was that the retention fee should be £3 13s. 6d. That figure remained unchanged under by-laws similarly confirmed and approved on January 18, 1955, and May 10, 1956. January 1, 1959, however, ushers in a new five-year period, and the Council has seen fit to raise the fee to the new 5-guinea level. On the basis of a 27,000 membership that gives the treasurer an additional £42,525 a year with which to meet his commitments and that ought to see him through, even at the current decline in values, for quite a long time to come.

## Onward from Galen

### A CURRENT CAUSERIE

THE Council of the Pharmaceutical Society has been debating, *in camera* (see p. 42), the question whether the next Council dinner shall be held at the Society's headquarters instead of at its usual venue. As it happens, the camera was one of those modern instruments that simultaneously record scene and sound, and our spy, an Ipswich man, was able surreptitiously to recover the spool from the waste paper basket. An extract is here given of the discussion it recorded.

"Mr. President, I think it is high time that this Council set an example to its employees and showed confidence in its canteen staff by holding its next Council dinner in this chamber."

"On a point of information, Mr. President, it is obvious that Mr. —— has never had a lunch, let alone a dinner, prepared by the canteen staff in this House. While the meals have been, no doubt, without complaint from our employees in this building, I would remind members that in recent years our Council dinners have been up to a certain standard, which in my opinion it would be deplorable to lower. The deliberations of this executive body might suffer, to the detriment of the Society's prosperity, if . . ."

"Mr. ——, you are trying to catch my eye, I think."

"I was about to remark, Mr. President, that we seem to be arguing this matter in the absence of detailed information as to relative costs. Could our worthy secretary be asked for a few figures comparing the cost of, say, a four-course meal put on by the canteen with what we usually pay?"

"Well, sir, as I see it, the following factors have to be taken into consideration. The canteen is not required to be run at a profit, and obviously staff meals are not expected to be of the same calibre as those to which Council members are accustomed. The canteen manageress should be able, other things being equal, to put on a meal at a lower figure than is usually paid for your monthly dinners. On the other hand dinner would be put on outside the normal working hours of the canteen staff, who would demand time-and-a-half or double-time in consequence. Add to that the cost of hiring special utensils and vessels for keeping the food hot between the kitchens and the Council chamber, and you

will see that the gap is considerably narrowed. It is only fair to point out that since our last meeting the Ritz has notified an increase in its charges for banquets. On the sole basis of cost, therefore, it would appear that . . ."

"Mr. President, it is my contention that cost is, after all, not the only consideration. There is, for example, the fitness of those around this table (hear, hear, from all sides) which is linked with their ability to conduct the affairs of our Society. Even a couple of months ago, when the finances of the Society were not in too solvent a state, I should have been inclined to side with the mover of the resolution. But I would remind the Council that we have had before us measures to remedy that situation, and in the circumstances I move that the matter lie on the table."

And there, for all we know, the matter (and perhaps in the future the Council dinner) may lie.

To our real regret we cannot here reproduce the visible results of the recording, but we can assure members of the Society that it gives an excellent impression of their Council at work. If any branch secretary would like to include a presentation of the film among the subjects of his branch meetings next session (and is prepared to risk being struck off the register) we will see what can be done.

[Since the above was put on the page our informer has sent us a communication denying the genuineness of the recordings. We are therefore happy to return to our previous conviction that the Council's discussions were on a suitably serious and altogether more elevated level. — EDITOR.]

★

FREEZE-drying, which was recently the subject of an international symposium, has already provided the basis for a fictional television programme, and may become the inspiration of a considerable literature of fancy. Even the biologists themselves may not be above taking a hand in such a development themselves. At all events one speaker at the symposium terminated his address with an application which, apart from ethics, has no foundation in fact (fortunately for fair victims of the versifier's imagination):

*We had reluctantly surmised,  
That she would have to be atomised.  
But now with Science's new devices  
'Twill be easier far to cut her in slices.*

*Now I'd like to raise an ethical point.  
Before we section that upper joint,  
Don't you agree it's rather unfair  
To foist her upon some future heir?*

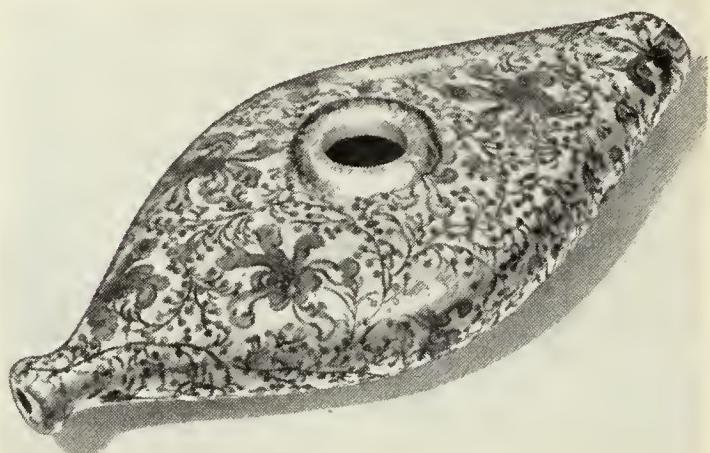
*And what if this process became "de chose"?  
To the scale it might get God only knows.  
The Government would have to step in  
And levy a tax on frozen kin.*

*But gentlemen, surely, you can see,  
This can only end in catastrophe.  
Sometime, somehow, there'd be a thaw  
And the world would be crawling with mothers-in-law.*

★

THERE died half a century ago on July 2 the physician who introduced chloral into medicine. Oskar Liebreich, aged sixty-nine at his death, is chiefly remembered for his discovery that chloral hydrate has a hypnotic action. He was born at Königsberg, Prussia, on February 14, 1839, and after graduating M.D. at Berlin in 1865, became chemical assistant to Virchow at the Pathological Institute. His introduction of chloral into medicine took place in 1869, at a time when cannabis, alcohol, and opium were the chief central depressants. From 1872 until shortly before his death Liebreich held the chair of pharmacology in the University of Berlin. He was editor of the *Therapeutische Monatshefte* and president of the German Balneological Society. He also introduced lanolin and discovered the anaesthetic properties

of ethylidene chloride, the former an achievement whose significance has come to be increasingly recognised by present-day manufacturers, especially of cosmetics and preparations for the hair.



A HOLIDAY "FIND": While on holiday in Devon Mr. J. Tinegate, M.P.S., 8 High Street West, Dorchester, came across the handsome (Spode?) feeding bottle illustrated, which he promptly acquired for his collection.

## ANY BUSINESS QUESTIONS?

*We refer to the question published in your issue of June 21 concerning a plan put forward by employers under which they would arrange for the payment of a sum of money to a retired employee instead of their usual voluntary pension. Is the payment a permissible inclusion as an expense to the company?*

REGARDLESS of the taxable position of the employee, a payment of this kind should be an allowable charge. It is expenditure laid out within the category of benefits to employees and is incurred in the course of the business earning its profits.

*If I make the house in which we live legally over to my wife so that it is hers in her own right and name, what is the position on my death—has the property to bear duty with the rest of my estate?*

THIS is a gift *inter vivos*, and five years must elapse before it can be free of duty as far as your estate is concerned and be deemed to be part of your wife's estate; moreover, you must retain no benefit therein in that period, but your occupation would not be considered as a benefit since your wife acquires the legal right over the property. Of course, there should be no special power to re-acquire the property, otherwise that may be taken as a benefit.

*A claim in connection with repairs undertaken on property was agreed with the tax office and I now find that relief given me is reduced by two-ninths. Why should this be so?*

MORTGAGE interest would seem to be involved. Such interest is set-off as far as possible against the Schedule "A" (net annual value) of the property and the available balance of interest will have the effect of reducing earned income relief (two-ninths). If the Schedule "A" is reduced by reason of a maintenance claim, more mortgage interest balance is free to be taken against other income. The lower net income on which earned income relief is given may, therefore, lower the effective excess maintenance relief. A method of expressing the effective relief which is usually applicable is by the agreed sum of relief less earned income allowance of two-ninths computed thereon. If mortgage interest, or any other charge, is deemed to be payable out of earned income and not unearned income, relief on earned income is consequently affected to that extent.

# DISPENSING DURING THE DECADE

The pharmacist's experience of the National Health Service seems, to "Committeeman," who gives his views below, to have been of a dead-end kind. A proper assessment of his services on a professional basis is the first requisite for any improvement in the prospect.

THE issue of the *C. & D.* for July 5 contained (p. 15) a very fair appraisal of the conditions which have obtained during the ten years the National Health Service has been in operation, and one welcomed the editorial note with its measure of optimism as regards the future.

The welfare of pharmacy lies in the hands of the younger generation, whose members are well equipped today to safeguard pharmaceutical interests and to carry on the tradition of the founders of the Pharmaceutical Society. At the present time, however, the middle-aged proprietor of the average retail pharmacy does not always find everything satisfactory in the view he sees through his "contract lenses." Perhaps a few comments by an old-fashioned pharmacist with considerable experience of both N.H.I. and N.H.S. may serve to add something to the picture built up by the previous review.

## *Half a Century of State Health Service*

In one form or another the State control of medicine in Britain has been in existence for nearly fifty years. The National Health Insurance Act, 1911, merged into the National Health Service Act, 1946, and the two enactments have effected profound changes in national and social conditions. Equally with other changes brought about by two major wars, they may be said to have radically altered the whole pattern of family life in this country. Many professional bodies have taken part in the administration of those services, but naturally pharmacists are inclined to judge the scene from the standpoint of the contractor.

It is probable that the public conception of the purpose of the Health Service was wrong from the start, but the fault for that lay with the authorities, who, at the outset, promised everything for nothing. Different forms of service available to the public may be said to have different meanings. The telephone service is on tap at all times for all purposes, for a friendly chat or an urgent call. The gas and electricity services may be used for necessary cooking or luxury space-heating. It must be noted, however, that in those examples of services users pay on demand for the service they employ.

Nobody, it may be supposed, would ring up the Fire Service to light the kitchen fire, or call the Ambulance Service to take one on a shopping expedition, even though there might be the excuse that one's shoes pinched. Yet that really seems to have been the light-hearted way in which the National Health Service, through its ten years' currency, has been regarded by many people. "It is a freely offered service. We pay certain weekly contributions, therefore let us use it and get all we can out of it."

In the earlier days minor accidents in the home or temporary disturbances in one's alimentary system were dealt with domestically. If the housewife found the problem beyond her, she had recourse to the chemist at the corner, who generally furnished, at small cost, the means to remedy the defect. One would not then have thought of going to the doctor for a bandage or a box of boracic ointment, or even for a palliative for the temporary discomfort experienced in the gastric region. Yet, on the introduction of the Health Service, once the door was thrown

open to claimants for free medicine and treatment on all occasions, the demands on the Service steadily grew, until today it is practically impossible to stem the tide or meet the cost.

## *The Pharmacist's Part*

As the chemist's contract brings him into daily contact with the operation of the Health Service, he can, of course, measure fairly accurately the changes that have been brought about in the pharmaceutical practice. When N.H.I. began in 1913 the pharmacist was promised much more professional work than the majority of chemists had previously handled. The same thing occurred when, in 1948, all members of the community became participants in the free medicine scheme. N.H.I. may be said to have done a fair number of pharmacists a lot of good. In smaller degree that may also be true with regard to N.H.S. But today it is fairly certain that the number of pharmacies in which any considerable number of professional operations are carried out form a minority. Owing to the transference of many compounding activities from the shop dispensary to the manufacturing laboratory, much of the interesting work has vanished from the dispensing counter.

Keen young pharmacists, with university degrees, have been disillusioned on taking up positions in retail practice, that point of distribution at which the benefits in kind obtainable under the Health Service are directly supplied to the patient on behalf of the beneficent government. In many pharmacies the art of dispensing has, unfortunately, became more or less the act of dispersing, and a proficiency in tablet counting and label changing has been acquired at the loss of skill in professional manipulation of the materials of medicine.

## *Pharmaceutical Manufacture*

The introduction of the free Health Service was one factor in bringing about an enormous increase in the number of medicaments available for the use of general practitioners, plus a fundamental change in their character, though war conditions were largely responsible for initiating the change. Many new and valuable drugs have been developed in recent years by the individual efforts of enterprising manufacturers, who have spent large sums in promoting research and developing new medical products, in subjecting them to exhaustive clinical trials, and in placing them at the disposal of doctors taking part in the Health Service.

New drugs and new methods of treatment have rendered many of the old and dangerous diseases comparatively harmless, have shortened the period of incapacity, have emptied hospital beds earlier and preserved the health of the community, whereas in similar conditions former illnesses would have taken a greater toll of human life or led to greatly extended periods of incapacity and consequent impairment of the general standard of health of the community.

But perhaps to the middle-aged to elderly pharmacist now in general business it would seem, at times, that the production of so many new products each year must surely be to some extent unnecessary; that the early replacement

of a new drug by one even newer before it would seem that adequate time has been allowed for long-term effects to be estimated is evidence sometimes of a loss of faith by the manufacturer in his own efforts; and that the duplication by different makers of one particular drug, or a close approximation to it, all under different names, indicates that the motive of the manufacturer is not always the altruistic desire to benefit the suffering patient.

Unfortunately for the pharmacist, when many of those temporary products reach the market and are put into circulation, the bygones tend to accumulate on the shelves just as quickly as the newcomers tumble off the production line, leaving him with unusable capital invested in unsaleable stock on which in some cases he has paid unrecoverable purchase tax. The unrealistic ban on the "unethical" substitution of one product for another, identical but issued by a different maker, leaves him in an unrelieved state of unending worry.

### *Commercial Activities*

The universal character of N.H.S., and of the modern discoveries in pharmacology and therapeutics, having created a market for a class of medicaments different from those handled in the chemist's shop of fifty years ago, and leading to the withdrawal from the retail dispensary of a great deal of the extemporaneous compounding work formerly carried on there, the pharmacist, who is of course a trader as well as a professional man, has been induced to cast about for some means of augmenting the inadequate income received in consequence of his contract to dispense Health Service prescriptions.

It is fortunate that, parallel with the decline in professional dispensing, there has developed an overwhelming demand by the public for toilet and cosmetic preparations of all kinds — goods quite appropriate to the chemist's stock—and the number and scope of companies devoted to the production of those beautifying products has grown to an astonishing extent.

Possibly one particular cause of the spread of cosmetic fashions has been the rise in standard of living of the population, and the possession by the younger generation of more money and greater leisure than formerly. No doubt a more general contact with the inhabitants of other continental countries has also contributed to the wider use of those commodities.

Reference might similarly be made to the spread of amateur photography and other directions in which the expansion of the chemist's business has followed popular trends. With the decline in professional dispensing practice (although the numbers of prescriptions have generally increased), it is small wonder that many pharmacists have turned to those comparatively profitable sidelines to maintain a higher range of income than can be obtained from purely professional activity as an agent in the State prescription service. Consequently the average modern pharmacy exhibits an exterior largely devoted to toilet preparations, and many of the more profitable sales transacted at the front counter are of items from the non-medical stock.

### *Chemists' Remuneration*

All the same, the pharmacist is still an N.H.S. contractor, and depends on his State agency for a considerable part of his income. It is generally felt that that income is not as satisfactory—not nearly as satisfactory—as it should be. There have been periods during the currency of the contract when the rates of pay have been fairly adequate, but those conditions have not continued to exist for long unchanged.

One may marvel now to recollect that at one time the dispensing fee offered to proprietor pharmacists for compounding an extemporaneous mixture was twopence, and that other items in his remuneration were reckoned in decimal parts of a penny. Later, when further fractions had been added to those first fees, there were several years

in which the whole of a contractor's dispensing accounts were discounted, and he had to accept less than 100 per cent. of the money apparently due to him.

At no time has any proper assessment of the value of the pharmacists' services on a professional basis been made. For many of the recent years during which the National Health Service contract has been current the extraordinary course has been adopted officially of estimating the amount due to the pharmaceutical contractor by an empirical system of averages instead of a straightforward mathematical calculation based on the provisions of the originally accepted Drug Tariff.

Another strange feature of the pharmacist's present work that has developed during the N.H.S. years is the requirement that he should act as the government's agent in the collection of the shillings that constitute the charge imposed on patients to meet the ever-mounting drug bill.

As a footnote to my comments perhaps I may refer to a reported prediction by Lord Moran in the House of Lords, in the week in which the National Health Service celebrated its tenth anniversary. Referring to a measure of discontent among general practitioners, largely due to the gradual decline in the status of the doctor because so many people felt that, when seriously ill, they were well advised to go into hospital instead of consulting their own medical man, Lord Moran suggested that, in time, the pick of the general practitioners now in the Health Service would follow their patients into hospital and become part of the hospital staffs. He forecast that that would be the most important move in the next decade.

I leave it to my younger colleagues to work out what the practising pharmacist's position will be if and when that change comes to pass.

## NEW BOOKS

### *Topics in Microbial Chemistry*

F. M. STRONG, *Chapman & Hall*, 37 Essex Street, London, W.C.2. 7*½* x 4*¾* in. Pp. 166. 40s.

THIS compact volume is part of the first series of the E. R. Squibb lectures on the chemistry of microbial products. Dr. Strong (professor of biochemistry, Wisconsin University, U.S.A.) has shown the importance of co-operation between chemists and microbiologists in research in the antibiotic and kindred fields. The author deals with antimycin, coenzyme A and kinetin along with the kinin compounds. The writing, logical subdivision and arrangement to cover the interlocking research of the two sciences, and the massive provision of data, graphs and formulæ, are all of an unusually high standard.

### *Bell's Sale of Food and Drugs (Service Volume)*

JOHN A. O'KEEFE, B.Sc.(ECON.), LL.B. *Butterworth & Co. (Publishers), Ltd.*, 88 Kingsway, London, W.C.2. 9*½* x 6*¼* in. 28s.

THOSE whose day-to-day work is concerned with food and drugs administration will appreciate this service volume, which brings the main volume up to date to January 1958. It is a loose-leaved binder with divisions and guide cards. The first division contains details of new statutes and cases and includes page references to the main volume (see *C. & D.*, April 27, 1957, p. 464). The other divisions relate to additional Acts, Statutory Instruments and circulars, together with a detailed index. The supplementary volume is essential to those who use the main work.

### *Dictionary of Poisons*

IBERT AND ELEANOR MELLAN, PH.D. *Peter Owen, Ltd.* 8*¼* x 5*½* in. Pp. 150. 25s.

THIS book is printed in America and bound in Britain without any amendments to the text. That, together with the adoption of an alphabetical system without any cross references, does not assist readers outside the United States who might be in a hurry. For example, "gasoline" is mentioned, not petrol; there is a reference to Benzedrine, but no record of amphetamine; morphine is noted, but not pethidine or methadone. As there are other omissions the book can hardly justify its claim to be comprehensive.

## PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

# RETENTION FEE INCREASED

**£5 5s. from January 1959**

**A** RECOMMENDATION from the Finance Committee that the annual retention fee should be increased from £3 13s. 6d. to £5 5s. from January 1, 1959, was approved by the Council of the Pharmaceutical Society when it met on July 1 and 2.

A letter from the Executive of the Scottish Department concerning the withdrawal of the retention fee concession formerly granted to retired pharmacists aged over seventy was considered, and it was agreed that no change in the existing fees could be recommended, but that, as the proposed increase in the retention fee did not include any alteration in the fee of £2 2s. payable by members aged over seventy, there would be an improvement in their relative position.

THE PRESIDENT reported, with regret, the death of Mr. W. E. Stokes, formerly a member of the Statutory Committee (see *C. & D.*, July 5, p. 6).

The Council would be pleased to note, said THE PRESIDENT, the award of the M.B.E. to Miss Kathleen B. Henderson, M.P.S. (higher executive officer in the Ministry of Pensions and National Insurance) and of the O.B.E. to two Australian pharmacists: Mr. G. G. Jewkes (lately director of pharmaceutical benefits, Commonwealth Department of Health) and Mr. Eric Scott (*C. & D.*, June 14, p. 634) (federal president of the Federated Pharmaceutical Service Guild of Australia and president of the Pharmaceutical Society of Victoria). Members would recall that Mr. Scott had visited this country in 1951. The president also said he would like to draw attention to the award of the C.M.G. to Dr. C. A. Hart (principal of the Nigerian College of Arts, Science and Technology). Dr. Hart was prominently associated with important developments in pharmaceutical education in Nigeria.

On the recommendation of the Education Committee, the Council approved the syllabuses for the Pharmaceutical Chemist Qualifying examination for persons registered on or after March 1, 1958. The Committee placed on record its appreciation of the work done in the past few years by the educational policy subcommittee. It was agreed not to reappoint that subcommittee.

The Council agreed to ask Mr. F. W. Hurdman to represent the Society on the applied science advisory committee of the Wolverhampton and Staffordshire College of Technology for the period ending December 31, 1959, and to thank Mr. A. Warburton, who had previously served in that capacity. A recommendation was approved to invite Mr. S. D. Tydeman to serve as the Society's representative on the Court of the University of Bristol for the next seven years.

In response to a request from the hospital chaplain, St. Mary's Hospital, Portsmouth, the Council gave permission for the Society's coat of arms to be included, among others, in the decoration of panels on a screen at the west end of the hospital's new chapel.

### Branch Representatives' Resolutions

RETURNED BOTTLES.—The Establishment and Organisation Committee received a report from Dr. Capper concerning an investigation into techniques for washing medicine bottles.

WITHDRAWALS OF D.D. AUTHORITY.—The Publications Committee considered the suggestion that complete lists of persons whose authority under the Dangerous Drugs Regulations had been withdrawn should be published in the Society's journal every six months. The Committee recommended, and the Council approved, that no change should be made in the present system of publishing an annual con-

solidated list of persons whose D.D. authority had been withdrawn, but that in future, when amendments were published, members should be referred back to the last published list.

REFRESHER COURSE ARTICLES.—The Publications Committee received from the Editor a report on the Branch Representatives' proposal that the *Pharmaceutical Journal* should provide a regular series of articles as refreshers for the practising pharmacist.

### Students' Resolutions

The following resolutions, passed at the 1958 Congress of the British Pharmaceutical Students' Association and forwarded to the Society, were considered by the Education Committee:

- (1) *In view of the fact that certain of the summer practical examinations are held at popular holiday centres, the Pharmaceutical Society should take steps to give earlier notice of the dates required to attend for examinations, even if this is achieved by forwarding the closing date for entries.*

The Committee were informed that the dates of the practical periods for the Qualifying examination in England and Wales were continuous from June 23 to July 18. The form which candidates were required to use for entry to the examination was always accompanied by a series of notes for the information of the candidate; those notes indicated that candidates for the summer examination would be informed before June 1 of the dates on which they would be required to attend for practical examination. Notice of the practical dates was sent out to candidates from London on May 14. It was agreed to arrange that candidates attending for examination in Edinburgh and Manchester should be offered assistance in obtaining lodgings accommodation for the period of the examination in a similar way to candidates attending practical examinations in Brighton.

- (2) *That the Society should arrange a Forensic Pharmacy examination in conjunction with or soon after Part II of the B.Pharm Examination in order that successful candidates in that examination need not waste six months until the December Forensic Pharmacy Examination.*

It was agreed that the question of the future of the examination in Forensic Pharmacy for graduates was bound up with the conditions under which University degrees were recognised.

- (3) *That provision of a practical examination centre in London should be reconsidered.*

The Committee agreed with the principle of practical examination at a London centre and felt sure it would be possible to make suitable arrangements when new accommodation became available in due course.

- (4) *In consideration of the extended course, the Society should consider instituting studies in first aid, surgical appliances and family planning.*

The secretary was asked to inform the Association that a knowledge of surgical dressings and medical appliances would be required from candidates attending the new three-years course.

The Council received the reports of three British pharmacists who recently visited Jugo-Slavia under arrangements made between the Society and the Jugo-Slav pharmaceutical societies. Appreciation of the reports was expressed, and authority was given for them to be issued to the Press. [No such reports have yet reached the *C. & D.*.—EDITOR.]

The report of the History of Pharmacy Committee stated that work already done had drawn attention to the value of historical pharmaceutical material, and that a good deal of material that might otherwise have been destroyed was

now preserved. So much had been brought to light, largely through inquiries made by the Society's inspectors, that it was doubtful whether, in future, that source would continue to yield for each meeting a list of new items for examination. On that assumption the Committee was asked to consider its programme of future work based on known existing records.

It was recalled that efforts had been made to discover prescription records kept before 1850, and particularly before the foundation of the Society in 1841. Great difficulty had been experienced in finding interested persons to undertake the detailed analysis of those records. It was also noted that the Society's accommodation for such records was limited, and as a representative collection from 1850 onwards had already been assembled the Committee agreed that, except for records of outstanding historical value, prescription records should be preserved in the pharmacy of origin or in a local library. The Committee pointed out that the records of schools of pharmacy now defunct had been destroyed, and that the preparation of their history would, therefore, depend on personal recollections, for which renewed requests should be made. An appeal was also made for hospital pharmacists to undertake writing the histories of their departments. "The only ventures so far made in that direction had been in three London hospitals." [The C. & D. has published a history of the pharmacy department of Bristol Royal Infirmary—EDITOR.]

### Research Scholarships, 1958

The Council agreed to appoint the president, the chairman of the Education Committee, and Professor Macdonald to the adjudicating committee for the award of the Wellcome Pharmaceutical Research Fellowship for 1958; and that the two representatives of the Wellcome Trust on the adjudicating committee, with the president, the chairman of the Education Committee and Professor Macdonald, should constitute the recommending committee for the Society's research awards for 1958.

It was reported that, since the previous meeting, two persons had been registered as "Student," against thirty in the corresponding period of 1957. The names of fourteen former members of the Society had been restored to the register on payment of the necessary fees and penalties. On the recommendation of the Law Committee, it was agreed to add the names of one applicant for reciprocal registration under Section XIX (14) and of twelve applicants under Section XIX (16) to the Register; and to add the names of one applicant under the former Section and two under the latter on submission of the required documents and payment of the fees. The Committee received lists of members for whom and premises for which retention fees had not been paid, and authority was given for their removal from the registers.

### Disapproval of a Gift Stamp Scheme

Attention was drawn to a gift stamp scheme in which pharmacists were taking part. It was agreed that participation in the scheme would be liable to involve a pharmacist in an infringement of the Statement on Matters of Professional Conduct, and to inform the pharmacists concerned, and the organisation, of that fact. It was further agreed that, as any similar scheme would have the same consequences, pharmacists generally should be advised not to be associated with such activity.

The Committee reported that grants amounting to £104 12s. had been made to two widows and one member. Recommendations for grants amounting to £406 were approved. Three applications for assistance were deferred, and in one other case no grant was made.

The receipt was reported of two legacies to the Benevolent Fund: £50 from the late Mr. Donald Coleman, and £100 from the late Mr. Philip Robert Hill.

The Birdsgrove House warden's report showed that, in the month to June 16, there had been thirty-two guests at

the convalescent home for an aggregate of forty-three weeks, against sixty-six guests and eighty-seven weeks in the corresponding period of 1957. THE VICE-PRESIDENT referred to two gifts in kind—a further supply of bed-linen from the Burnley Branch, and china replacements from North Staffordshire Branch.

### Practical Training

It was reported that since the previous meeting, approval of conditions for practical training had been granted to ten hospital departments and seventeen pharmacies.

The Committees of the Council re-elected their chairmen for the ensuing year as follows:—*Education*, Mr. Mapleshorpe; *Benevolent Fund*, Mr. Heseltine; *Establishment and Organisation*, Mr. Brocklehurst; *Finance*, The Treasurer; *Publications*, Dr. Young; *Public Services*, Mr. Grainger; *Law*, Mr. Tristram; *Ethical*, Mr. Elder.

It was reported to the Ethical Committee that a letter had been sent to the Whitley Councils for the Health Services, Professional and Technical Council B, protesting against the introduction of a new allowance for assistants-in-dispensing set out in paragraph 3 (c) of P.T.B. Circular 82.

A reply had been received explaining that the intention of the Whitley Council was to provide for circumstances that existed, and account had therefore been taken of the fact that some assistants-in-dispensing held and exercised a legal authority under the Dangerous Drugs Regulations to possess and supply Dangerous Drugs. In that light the Whitley Council's action was not in conflict with the general policy of the Ministry of Health that each hospital should have the services of a pharmacist available to it.

The Establishment and Organisation Committee considered a proposal for adjusting the length of the presidential chain and asked the secretary to consult the art adviser to the Goldsmiths' Company. A recommendation by the Committee that the Council dinner should be held in the Society's house subject to the president and chairman being satisfied that suitable arrangements could be made was debated *in camera*.

### FIFTY YEARS AGO

### DEGREES FOR PHARMACISTS

*From the C. & D., July 11, 1908*

SATURDAY, July 4, was Degree Day at Manchester University, and the ceremony was of special interest to pharmacists, as four of the candidates who were presented for degrees in science are connected with pharmacy. Mr. W. R. Pattinson, son of Mr. T. R. Pattinson, of the firm of Messrs. Oldfield, Pattinson & Co., obtained the degree of B.Sc. in the Honours School of Chemistry, and is the first candidate to present "Pharmaceutical Chemistry" as a special subject for a science degree. The regulation allowing students of pharmacy to do this came into force in 1904, so that students can now prepare for the Minor and Major examinations and for a degree in science at the same time. Mr. A. R. Smith, B.Sc., and Mr. E. G. Gaul, B.Sc., both "Major" men, were presented for the degree of M.Sc., the latter for research work in the Public Health Laboratories of the University, and the former for research on ethyl- $\alpha$ -cyano- $\gamma$ -phenylacetone-acetate conducted under Dr. Thorpe. Mr. Smith is now preparing for the final examination of the Institute of Chemistry in the biological chemistry branch. His brother, Mr. H. L. Smith, B.Sc., A.I.C., at present lecturer in the Chemical Department of King's College, London, is also a Major man and a graduate of Manchester University, having obtained his degree in 1906. Two candidates were presented for honorary degrees, and one of these is also a pharmacist. Mr. William Burton, the inventor of the Lancastrian ware, described by Professor Alexander as "among chemists a potter, among potters a scientific chemist, and an artist everywhere," received the honorary degree of M.A. Mr. William Kirkby, as already noted (C. & D., June 6, 1908, p. 851), received the honorary degree of M.Sc. Three pharmaceutical chemists who hold the degree of M.Sc. are . . . Mr. James Grier, Mr. Kirkby, and Mr. A. R. Smith.

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## TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

**LONDON, JULY 9:** The general weakness in prices of ZINC over the past week led manufacturers of the OXIDE to reduce their schedules by 30s. per ton, making the B.P. grade now £100 10s. per ton for 2-ton lots, delivered. There were no other price changes reported among PHARMACEUTICAL CHEMICALS.

Colombian IPECACUANHA reversed its recently weaker trend as shipment offers firmed by 2s. per lb. JALAP ROOT was scarce on the spot but a parcel to arrive was offered at 5s. per lb., c.i.f., on a basis of 15 per cent. Amongst PHARMACEUTICAL GUMS, all grades of TRAGACANTH were down by £5 per cwt. and ACACIA, though unchanged for immediate delivery, was quoted slightly dearer at origin. BUCHU was lower by threepence per lb. in all positions. The first list of minimum export prices for SHELLAC was published in Calcutta on July 3 and received in London during the week. TONQUIN BEANS were marked down by threepence per lb. for forward delivery. MENTHOL retained the higher levels noted in last week's report.

In ESSENTIAL OILS both CITRONELLA and LEMONGRASS were fractionally easier.

CASTOR OIL was £5 per ton down at £145.

### Pharmaceutical Chemicals

**p-AMINOSALICYLIC ACID.** — The SODIUM salt is 22s. 6d. per kilo for 1,000-kilo lots with smaller quantities at 23s. 3d. The CALCIUM SALT is 38s. 7½d. and 39s. 6½d. per kilo for similar quantities.

AMMONIUM CHLORIDE. — Makers quote 1-cwt. lots of B.P. powder at 90s. per cwt. and are quoting extra-pure crystals at 126s.

AMPHETAMINE.—One to 10-kilo lots are: BASE, from 140s. to 160s. as to quantity; SULPHATE is 110s. to 130s. and *d*-AMPHETAMINE SULPHATE, 405s. to 420s. for similar quantities.

ANTIMONY SALTS.—Quotations for POTASSIUM TARTRATE B.P., are 7s. 6d. per lb. for 1-10 cwt. and SODIUM TARTRATE, B.P., 12s. 6d.

ASPIRIN.—5-cwt. lots are 4s. 9d. per lb.; 1-cwt., 4s. 11d. The CALCIUM SALT is 12s. 6d. per lb.

BENTONITE.—Offers of B.P. material are about £70 per ton as to quantity.

BENZAMINE. — In 16-oz. lots LACTATE is 15s. 3d. per oz. and HYDROCHLORIDE, 16s. 3d. per oz.

BENZOIC ACID.—1-cwt. lots are 2s. 11½d. per lb.; the SODIUM SALT is 2s. 9½d. per lb. in 1-cwt. lots.

BENZYL BENZOATE. — One-ton lots of B.P. grade are at 4s. 6d. per lb.

BISMUTH SALTS.—The following are the prices (per lb.) in largest bulk packages:—

	28 lb. to 1-cwt.	1-cwt.	5-cwt.
	s. d.	s. d.	s. d.
CARBONATE ..	22 3	21 9	21 4
SALICYLATE ..	21 9	21 4	20 10
SUBGALLATE ..	21 1	20 8	20 2
SUBNITRATE ..	20 5	20 0	19 6

The 1-cwt. rates (per lb.) for other salts are:—CITRATE, B.P.C., 22s. 8d.; NITRATE, crystal, 14s. 8d.; OXIDE, B.P.C., 27s. 7d.; OXYCHLORIDE, B.P., 27s. 9d.; OXYIODOGALATE, B.P.C., 28s. 9d.; SODIUM TARTRATE, 35s. 6d.; and TRIBROMPHENATE, B.P.C., 26s. 9d.

CARBROMAL.—B.P.C. is 21s. per lb. delivered in returnable packing.

CHLOROBUTOL.—28-lb. lots are quoted at 10s. per lb.

CHLOROCRESOL.—Pharmaceutical quality is quoted at 7s. 2d. per lb. for 1-cwt. lots.

CREAM OF TARTAR.—Rates for the home trade are now as follows:—1-ton lots, 321s. per cwt.; 10-cwt., 232s.; 5-9-cwt., 233s.; 2-4-cwt., 234s.; 1-cwt., 235s.

CREOSOTE.—B.P. quality, ex beechwood, is from 6s. 9d. to 7s. 6d. per lb.

DEXTROSE.—Rates are as follows:—MONOHYDRATE B.P., 1-lb., 1s. 11½d.; 7-lb. 11s. 10d.; 28-lb., 43s.; free packages, less 12½ per cent. to wholesalers. In bulk, 1-ton lots, £90 ex works. ANHYDROUS, B.P., 7-lb., 14s.; 14-lb., 26s. 3d.; 28-lb., 49s. (terms as for monohydrate). 1-ton lots, £107 10s. ex warehouse.

ETHER.—Prices (per lb.) in winchesters are as follows:—TECHNICAL, B.S.S., and SOLVENT, 5-cwt. 2s. 7d.; (4s. 1½d. litre). In drums the price is 2s. 2d. per lb. ANÆSTHETIC, B.P., 5-cwt., 3s. 10d.; 10-cwt. 3s. 9d.

GLYCEROPHOSPHATES.—Rates per lb. for 1-cwt. lots are as follows:—ACID, B.P.C., 20 per cent., 5s. 9d.; CALCIUM, soluble B.P.C., 11s. 9d.; IRON, B.P.C., scale, 15s. 9d. and powder, 14s. 9d.; MANGANESE, soluble, B.P.C., 14s. 3d., and insoluble, 7s. 6d.; MANGANESE, B.P.C., 26s. 3d.; POTASSIUM, 50 per cent., B.P.C., 3s. 9d. and 75 per cent., B.P.C., 5s. 6d.; SODIUM, 50 per cent., B.P.C., 3s. 1d. and 75 per cent., B.P.C., 4s. 6d.

LEAD ACETATE.—B.P. crystals are 200s. per cwt. and technical, 180s.

MANDELIC ACID.—In 1-cwt. lots the price is 12s. 6d. per lb. with the CALCIUM SALT also 12s. 6d. SODIUM MANDELATE is 13s. and AMMONIUM MANDELATE 50 per cent. solution, 7s. 6d.

METOL.—In 1-cwt. lots the price is 24s. 6d. per lb.

OLEIC ACID.—Price of pale distilled is £176 per ton in 3½-cwt. original loaned drums, and B.P., £185 10s.

PARAFFINS.—Prices to wholesale distributors are:—Liquid: HEAVY, B.P., £107 17s. 6d. per ton; LIGHT, B.P., £87 15s.; Technical White oils, £79 5s., for the LIGHT and £92 15s. for the MEDIUM, all in 40-50 gall. returnable loaned drums, delivered U.K. Soft: WHITE medium consistency is now £110 15s. per ton. WHITE, soft consistency, £107 7s. 6d., and YELLOW, £88 10s. all B.P., in non-returnable drums delivered.

PILOCARPINE.—In 2-kilo lots prices are: HYDROCHLORIDE, 1,013s. per kilo; NITRATE, 925s.

QUINIDINE.—Prices are as follows:—

Home Trade	500-oz. or more	100-400 oz.
	per oz.	per oz.
QUINIDINE ..	s. d.	s. d.
ALKALOID ..	7 11½	8 1½
GLUCONATE ..	9 4½	9 6½
HYDROBROMIDE ..	6 7	6 9
HYDROCHLORIDE ..	6 9	6 11
SULPHATE ..	6 0	6 2
HYDROQUINIDINE ..	11 2	11 4
HYDROCHLORIDE ..	8 6½	8 8½
GLUCONATE ..		

For export quinidine alkaloid ranges from £12 12s. 3d. to £12 17s. 4d. per kilo and sulphate from £9 10s. 5d. to £9 15s. 6d.

SALICYLAMIDE.—Price per lb. for 1-cwt. lots is 8s. 6d.

ZINC CARBONATE. — In 1-cwt. lots the price is 1s. 9½d. per lb.

ZINC CHLORIDE. — B.P.C., cake from 4s. 6d. to 4s. 10d. per lb.; sticks from 5s. 10d. to 6s. 2d. per lb. TECHNICAL, 115s. per cwt.

ZINC OXIDE.—Lower by 30s. per ton. B.P. quality in 2-ton lots is now £100 10s. per ton; 1-ton £101 10s.; 5-cwt. £108 10s. per ton.

ZINC PEROXIDE. — Price (per lb.) for 1-cwt. lots of B.P. is 5s. 3d.

ZINC SULPHATE.—B.P. in 1-cwt. lots is quoted at 1s. 9d. per lb.; technical, 60s. per cwt.

### Industrial Chemicals

ACETALDEHYDE. — The 100 per cent. is £155 per ton.

ACETATES.—Prices (per cwt.) for drum lots are as follows:—AMYL (technical), 255s. and B.S.S., 257s. BUTYL, 179s.; ETHYL, 151s.; ISOPROPYL, 147s.

ACETIC ANHYDRIDE. — 10-ton lots are quoted at £134 per ton, delivered U.K. in returnable drums; 1-ton lots, £136.

ACETONE.—One-ton lots are quoted at £90 per ton.

BENZOLE. — Thiophene-free is from 9s. 3½d. per gall. for one 50-gall. barrel and pure, 6s. 3½d. per gall. for similar lots.

N-BUTYL ALCOHOL. — 1-ton to 5-ton lots are quoted at £159 per ton and one-drum lots at £163 per ton. Secondary is £130.

CARBON TETRACHLORIDE, B.P.—1-2-carboy lots are £135 per ton. TECHNICAL, in 40-gall. drums, in less than 1-ton lots, is £84; 1 ton and under 2 tons, £81; 2 tons and under 4 tons £80 10s.; 4 tons and upwards, £79 10s.

ISOPROPYL ALCOHOL. — Technical grade (99 per cent.) 5s. 0½d. per gall. for 10,000-gall. lots; anhydrous in drum lots is £108 per ton.

METHYL ETHYL KETONE.—One-ton lots in drums are quoted at £145 per ton.

METHYL ISOBUTYL CARBINOL. — One-ton lots (in one delivery) are now £165 per ton.

METHYL ISOBUTYL KETONE. — One-ton lots are £171 per ton with usual differentials for small quantities.

NAPHTHALENE.—Home market prices (per ton for 4-ton lots at one time) are as follows:—CRUDE, crystallising point 64–71·9° C., £22 5s. to £23; WHIZZED, c.p. 72–77·5° C., £27 3s. 6d. to £35 13s. 6d. according to the crystallising point, ex works; HOT-PRESSED, minimum c.p. 77·6° C., £42 10s. 6d. ex maker's works; CRYSTALS from £62 8s. 6d. to £64 18s. 6d. delivered; BALL AND FLAKE, £70 18s. 6d. to £73 9s. delivered.

PHITALATES.—Prices (per ton) for drum lots are as follows:—DIBUTYL, £228; DI-ISOBUTYL, £210; DIETHYL (normal grade), £229; DIMETHYL, £208.

STEARATES. — Spot prices for minimum 1-ton lots are now as follows:—ALUMINUM (all grades), 258s. 6d. per cwt., CALCIUM (precipitated), 248s. 6d.; LEAD (30 per cent.), 228s. 6d.; MAGNESIUM (standard), 261s. and (superfine), 307s.; ZINC, 261s. to 291s. as to grade.

TITANIUM DIOXIDE.—In 5-ton spot lots anatase is from £162 5s. per ton; rutile is £178 5s. for surface-coated and £170 for non-surface-coated.

### Crude Drugs

**ACONITE.** — Spot supplies of Spanish *nepelus* are 2s. 9d. per lb.

**ALOES.** — Cape prime on the spot is 250s. per cwt.; shipment, 222s. 6d., c.i.f.

**ARECA NUTS.** — F.a.q. quoted at 60s. and selected, 140s. per cwt. landed.

**BALSAMS.** — Quotations per lb. are:—  
**CANADA:** Spot, 25s. **COPAIBA:** Para from 8s. to 10s., duty paid. **PERU:** Spot, 11s. **TOLU** (genuine as imported): 24s. 6d.; B.P., 17s.

**BENZOIN.** — Sumatra No. 1 block on the spot is 520s. to 540s. per cwt. (465s., c.i.f.)

**BUCHU.** — Spot rounds are 6s. 9d. per lb. New-crop for shipment, 6s., c.i.f.

**CALAMUS.** — Dutch root is quoted at 1s. 4d. per lb., c.i.f.

**CALUMBA ROOT.** — Spot offers are 100s. per cwt.

**CARDAMOMS.** — Aleppy greens are 14s. 6d. per lb. on the spot; shipment, 13s. 3d., c.i.f. No. 1 seed for shipment, 19s. 3d., c.i.f.; spot cleared.

**CASSIA.** — Selected whole bark for shipment is 185s. per cwt., c.i.f., and extra-selected broken, 155s., c.i.f. Spot: Whole 235s. in bond nominal. *C. fistula*, new crop, 110s. per cwt.

**CINNAMON.** — Ceylon for shipment (c.i.f.) per lb., OOOO, 7s. 3d.; OOO, 7s.; OO, 6s. 11d.; seconds, 5s. 10½d.; featherings, 2s. 2½d.; quillings, 4s. 7d.; chips, 11½d.

**COLOCYNTH PULP.** — Spot, 3s. 9d. per lb., duty free.

**DIGITALIS LEAF.** — *Purpurea* (1956 crop), is offered at 1s. 2½d. per lb., c.i.f.; 1957 crop, 2s. 6d. to 2s. 7d., c.i.f.

**FRANGULA.** — Spot is 105s. per cwt.

**GENTIAN.** — French is 175s. per cwt. on the spot.

**GINGER.** — African, 95s. per cwt. on the spot; new crop for shipment, 90s., c.i.f. Jamaican No. 3 on the spot is 315s. per cwt. July shipment (new crop), 270s., c.i.f.

**GRINDELIA.** — Herb is quoted at 2s. 6d. per lb.

**GUM ACACIA.** — Kordofan cleaned sorts are 132s. 6d. per cwt. on the spot; July shipment, 125s., c.i.f.

**HYOSCYAMUS.** — Dutch leaves (*niger*), are 1s. 6½d. per lb., c.i.f., prompt shipment.

**IPECACUANHA.** — Colombian is dearer for shipment at 53s. per lb., c.i.f.; Matto Grosso, 54s., spot and Nicaraguan, 76s. c.i.f. Costa Rican, no offers.

**KARAYA.** — No. 1 gum on the spot is quoted at 220s. per cwt. and No. 2 at 150s.

**KOLA NUTS.** — Jamaican are offered at about 8d. per lb. spot, and 6½d., c.i.f. African 5d. to 5½d. spot and 4½d., c.i.f.

**KRAMERIA.** — Root is quoted at 90s. per cwt. duty free.

**LANOLIN.** — ANHYDROUS, B.P., is from 170s. to 175s. per cwt. in 1-ton lots and HYDROUS, B.P., 150s., free drums, delivered.

**LEMON PEEL.** — Spot is offered at 5s. per lb.

**LIQUORICE.** — Natural root: Persian to arrive is 45s. per cwt. Block juice: Anatolian, 200s. to 210s. per cwt., as to quantity. Italian stick from 310s. to 476s. per cwt. Spray-dried extract, 2s. 10½d. per lb.

**LOBELIA HERB.** — Spot offers are from 4s. 6d. per lb. as to origin.

**MACE.** — Whole on the spot is from 23s. 6d. per lb.

**MENTHOL.** — Chinese is 51s. per lb., duty paid and 48s., c.i.f.; Brazilian, spot, 35s. 6d., duty paid, shipment, 33s., c.i.f. Formosan for shipment, 33s. 6d., c.i.f.

**NUTMEGS.** — West Indian 80's, 17s. per lb., spot; sound unassorted, 13s. 6d.

**ORANGE PEEL.** — West Indian bitter quarters are 11d. per lb.; Spanish, 1s. 3d. to 1s. 6d. as to quality; thin-cut Tripoli, 2s. 3d.

**PAPAIN.** — Shipment (c.i.f.) value is 25s. per lb. for East African grade one.

**PEPPER.** — White Sarawak on spot is 2s. 7d. per lb., July-August shipment, 2s. 6d., c.i.f. Black Sarawak is offered at 1s. 6½d., spot, and July-August shipment at 1s. 6d., c.i.f. Black Malabar is quoted at 215s. per cwt. on spot; July-August shipment 197s. 6d., c.i.f.

**PIMENTO.** — Spot is 585s. per cwt.

**PODOPHYLLUM.** — *Emodi*: Stocks sold, awaiting new crop (August-September). *Peltatum*, spot, 4s. 3d. per lb.; shipment, 450s., c.i.f.

**PYRETHRUM.** — Extract, minimum 25 per cent. w/w pyrethrins, is 72s. per lb.

**RAUWOLFIA.** — *Canescens*, 2s. per lb., c.i.f.; *Vomitoria*, 2s. 3d., c.i.f.; *Serpentina*, 6s., c.i.f. asked.

**RHUBARB.** — Chinese offering about 6s. per lb., as to quality. Best grades not available on spot.

**SAFFRON.** — Spanish is quoted at 245s. per lb.

**SARSAPARILLA.** — Jamaican native red on the spot is 2s. 5d. per lb. Shipment, 2s. 3d., c.i.f.

**SEEDS.** — (Per cwt.). **ANISE.** — Cyprian, 157s. 6d.; Spanish, 155s., duty paid. **CARAWAY.** — Dutch unchanged at 87s. 6d., duty paid. **CELERY.** — Indian, 175s., on spot; shipment up to 140s. quoted, c.i.f.

**CORIANDER.** — Moroccan offered at 60s., duty paid and Rumanian possibly at 58s. 6d., duty paid. Shipment, Moroccan quoted at 42s., c.i.f., for July-August shipment. **CUMIN.** — Dearer. Cyprian on spot is now quoted up to 220s. The new crop shipment quotation is 205s., c.i.f., but no offers yet received at that figure. **DILL.** — Indian unchanged at 70s., spot. **FENNEL.** — Indian quoted on spot, 180s. to 185s. and Chinese, 157s. 6d., duty paid. **FENUGREEK.** — Moroccan, 50s., duty paid. **MUSTARD.** — English, 67s. 6d. to 75s. for medium quality with no good quality available.

**SENEGA.** — Spot is 16s. 6d. per lb.; shipment, 13s. 3d., c.i.f.  
**SENNA.** — *Timnevelly* LEAVES, prime No. 1, 1s. 5d. per lb., f.a.q., No. 3, 10d. PODS, manufacturing short at 1s. 6d. and hand-picked, 2s. 1d. to 2s. 4d. *Alexandria* pods: Manufacturing, offered from 1s. 6d. with hand-picked from 5s. to 6s.

**SHELLAC.** — F.O.T.N., 195s. per cwt., F.O. No. 1, 210s.; fine orange, 225s. to 295s.

**SLIPPERY ELM.** — Granding quality bark is 2s. 7d. per lb.

**SQUILL.** — White is unobtainable on the spot. For shipment 65s. per cwt., c.i.f.. is quoted.

**STRAMONIUM.** — Indian LEAVES are 70s. per cwt. and European 80s. on the spot.

**STROPHANTHIUS.** — *Kombé* on the spot is 8s. 6d. per lb. for the 100 per cent. *Gratus* is unobtainable on the spot.

**STYRAX.** — Spot cleared. Shipment offers awaited.

**TONQUIN BEANS.** — Para on the spot are offered at 8s. 6d. per lb. Shipment, 7s. 3d., c.i.f.

**TRAGACANTH.** — No. 1 ribbon is £115 to £120 per cwt., No. 2, £105 to £110.

**TURMERIC.** — Madras finger is 62s. 6d. on the spot; shipment, 61s., c.i.f. quoted.

**VALERIAN ROOT.** — Spot: Indian (with rootlets) is 130s. and Belgian 175s. to 195s. per cwt. Dutch (max. 2½ per cent. sand) for prompt shipment, 168s., c.i.f.

**VANILLIN.** — Rates (per lb.) are now:— 5-cwt. lots, 25s. 3d.; 1-cwt., 25s. 6d.; 56-lb., 25s. 9d.; smaller quantities, 26s.

**WAXES.** — (Per cwt.). **BEES'.** — Dar-es-Salaam, spot, 525s., shipment, 525s., c.i.f. nominal; Abyssinian, spot, 470s. in bond; shipment, 445s., c.i.f. Benguela spot, 520s., duty paid; shipment, 465s., c.i.f.

**CANDELILLA.** — Spot, 460s. **CARNAUBA.** — Fatty grey, spot, 570s.; for shipment, 565s., c.i.f. Prime yellow, spot, 1,000s.; shipment, 960s., c.i.f.

### Essential and Expressed Oils

**ALMOND.** — British oil is 8s. 3d. per lb. Moroccan, 6s. 9d., in bond.

**AMBER.** — Rectified on the spot is 1s. 6d. per lb.

**BAY.** — West Indian is 12s. 6d. per lb. on the spot.

**BERGAMOT.** — Spot supplies are from 86s. 6d. per lb.

**BIRCH TAR.** — Rectified is about 14s. per lb. in 1-cwt. lots.

**BOIS DE ROSE.** — Brazilian is 20s. per lb. on the spot and 17s. 6d., c.i.f.

**CADE.** — Spanish is 2s. 6d. per lb. for drum lots.

**CAMPHOR, WHITE.** — Chinese is 1s. 10½d. per lb., in bond.

**CARDAMOM.** — Price per lb. is from 350s. for English-distilled and from 267s. 6d. to 297s. 6d. for imported.

**CASSIA.** — Spot is 13s. 6d. per lb.; shipment, 13s. 4½d., c.i.f.

**CHENOPODIUM.** — Spot value is 40s. per lb. for original containers.

**CINNAMON.** — From quillings, best English-distilled is 50s. per oz.; other B.P. oils from 165s. per lb. Ceylon leaf, spot, 11s. 6d. per lb.; shipment, 10s. 10½d., c.i.f.; rectified, 15s. per lb.; Seychelles, 6s., spot, shipment, 5s. 7½d.

**CITRONELLA.** — Ceylon, spot is 4s. 1d.; shipment, 3s. 6d.; c.i.f. Formosan, prompt shipment, 3s. 9d. (spot 4s. in bond).

**CUBEB.** — Small spot supplies of imported are 65s. per lb.

**GERANIUM.** — Bourbon is 135s. per lb. on the spot and 132s. 6d., c.i.f. Algerian, 100s.

**LEMON.** — Prices of B.P. oil are from 10s. to 47s. 6d. per lb. on the spot according to quality. Californian for shipment, 25s. to 28s. 6d., c.i.f.

**LEMONGRASS.** — Spot is 6s. per lb., and July shipment, 5s. 6½d., c.i.f.

**ORANGE.** — Spot quotations of sweet oil include Floridan at 12s. 6d. per lb.; Californian, 15s.; West Indian, 12s.; West African, 24s. 6d.; Israeli, 6s. 6d. For shipment, Californian cold-pressed, U.S.P., is nominal at 23s. 11d., c.i.f.; distilled, 8s. 11d., c.i.f. Terpeneless is 200s. per lb., spot; bitter around 27s., as to sample.

**PALMAROSA.** — East Indian, 25s., spot, and 19s. 6d., c.i.f.

**PEPPERMINT.** — *Arvensis*: Chinese is 24s. 9d. per lb. on the spot and 22s. 6d., c.i.f., nominal. Brazilian, 8s. 9d., spot and 8s. c.i.f. Formosan, 16s., spot; new-crop for July shipment, 13s., c.i.f. *Piperita*: Italian "Mitcham"-type, from 42s. 6d. to 50s.; American, 27s. 6d. to 30s., as to origin.

**ROSEMARY.** — Spanish is from 8s. 6d. per lb. on the spot.

**RUE.** — Spanish is 25s. per lb. on the spot.

**SASSAFRAS.** — Brazilian is from 3s. 6d. per lb., duty paid.

**SPEARMINT.** — Offers of U.S.P. grade are from 29s. per lb. on the spot.

**TANGERINE.** — Hand-pressed is 55s. per lb. and machine-pressed, 42s. 6d., spot.

**VETIVERT.** — Spot is currently at about 90s. per lb.

**YLANG YLANG.** — Spot is from 45s. per lb.

### UNITED STATES REPORT

**NEW YORK, JULY 8:** Sales of DRUGS have declined seasonally. Honduras STYRAX rose 20 cents to \$2.50 per lb. and IPECACUANHA declined 25 cents to \$8.25 lb. CHAMOMILE FLOWERS were scarce and firm at \$2 to \$2.50 per lb. for the Hungarian type. BAY OIL rose 5 cents to \$2.25 lb. and CELERY declined 50 cents to \$13.5.

# TRADE MARKS

## APPLICATIONS ADVERTISED BEFORE REGISTRATION

### From the "Trade Marks Journal," June 18

*For pharmaceutical preparations and substances for use as muscle relaxants (5)*

COTROMYL, 766,876, by Laboratoires Français de Chimiothérapie, S.A., Paris, France.

*For pharmaceutical preparations and substances (5)*

Device with words SLENDERELLA INTERNATIONAL, 772,131, by Slenderella Systems, Inc., Stamford, Connecticut, U.S.A. KETATEST, 772,311, by Denver Chemical Manufacturing Co., Manhattan, New York, U.S.A.

*For pharmaceutical preparations of glucose (5)*

GLUCEFF, 772,175, by Boots Pure Drug Co., Ltd., Nottingham.

*For herbicides (5)*

Device with word ZIDE, 773,789, by Bugge's Insecticides, Ltd., Sittingbourne, Kent.

*For pharmaceutical preparations for use by oral administration for the treatment of diabetes (5)*

INSORAL, 772,633, by U.S. Vitamin Corporation, New York, U.S.A.

*For pharmaceutical preparations for the treatment of rheumatic complaints (5)*

EMANOL, 772,666, by Imperial Chemical Industries, Ltd., London, S.W.1.

*For pharmaceutical preparations for the treatment of coughs, colds and influenza (5)*

Device of words RED VELVET, 773,067, by Harold Godfrey, London, S.W.1.

*For pharmaceutical preparations and substances in tablet form for human and veterinary use (5)*

PREMENTABS, 773,408, by Organon Laboratories, Ltd., London, W.C.2.

*For pharmaceutical preparations for human use (5)*

ULCEMIN, 773,662, by Ward, Casson, Ltd., London, W.1.

*For all goods (5)*

COSENIN, 773,911, by Westminster Laboratories, Ltd., London, N.W.1. Device of letters CPT, 774,535, by Spencer & Co., London, W.4.

*For pharmaceutical preparations and substances for human and veterinary use (5)*

PREMENQUIL, 774,071, by Organon Laboratories, Ltd., London, W.C.2.

*For medicinal preparations for the treatment of coughs and bronchial infections (5)*

ZIXA, 774,841, by John Adams, Barrow-in-Furness, Lancs.

*For chemical preparations for pharmaceutical use (5)*

FOLKS, 775,880, by Smith, Kendon, Ltd., London, S.E.1.

*For pharmaceutical preparations for human and veterinary use, sanitary substances, medical and surgical plasters, material prepared for bandaging, disinfectants and antiseptics (5)*

FIOBROL, 775,894, by J. R. Geigy, S.A., Basle, Switzerland.

*For pharmaceutical preparations (5)*

TUMESON, 776,096, by Farbwerke Hoechst A.G. vormals Meister Lucius & Brüning, Frankfort-on-Main-Hoechst, Germany.

*For teats for feeding bottles (10)*

DODIE, 771,855, by Francois Peyron, Paris, France.

*For hot-water bottles; and cocktail shakers (21)*

SABRINA, 772,991, by Arthur Fenton Hill, London, W.9.

*For agricultural, horticultural and forestry products and grains, foodstuffs for animals; and malt (31)*

CANILIN, 774,888, LEPSOLIN, 774,890, by Glaxo Laboratories, Ltd., Greenford, Middlesex.

*From the "Trade Marks Journal," June 25*

*For chemical substances and chemical products, all for use in photography and cinematography (1)*

FILMATIC, 772,988, by Sub-Standard Film Finishers, Ltd., London, W.11.

*For cleaning preparations (3)*

CEOCLEAN, 769,753, by Terrey Brothers (Manufacturing), Ltd., London, S.E.1.

*For bleaching agents for domestic use (3)*

DEEZONEE, 770,476, by Deezone Manufacturing Co., Norwich.

### For scouring preparations (3)

ZAP, 771,252, by Roberts Windsor Soap Co., Ltd., Windsor, Berks.

### For cosmetics, perfumes and non-medicated toilet preparations (3)

HIGHLAND DEW, 772,567, by Lavapine, Ltd., Dundee.

### For non-medicated toilet preparations and cosmetic preparations, all for sale in the United Kingdom otherwise than for export, but not excluding goods for export to the Irish Republic (3)

BATHJOYS, 772,885, BATHJOY, 772,957, by Reckitt & Sons, Ltd., Hull, Yorks.

### For all goods (3)

DELORAIN, 873,685, by Ulter (Bradford), Ltd., Bradford, Yorks.

### For perfumes, aromatic substances for use in the manufacture of perfumes; and fruit essences (bearing essential oils) (3)

ARTHONE, 775,153, by Arthol, Ltd., Walton-on-Thames, Surrey.

### For surface-cleaning preparations (3)

RUSCOSOL, 775,533, by H. Russell (Soaps and Disinfectants), Ltd., Liverpool.

### For pharmaceutical preparations for the treatment of the ears (5)

AURALGAN, 738,287, by Doho Chemical Corporation, New York, U.S.A.

### For washes for veterinary purposes (5)

POLYWASH, 763,288, by Polycell Products, Ltd., London, N.W.5.

### For pharmaceutical products (5)

OTOSMOSAN, 738,288, by Doho Chemical Corporation, New York, U.S.A.

### For all goods (5)

HIPREP, 768,889, by Kingsley Pharmacy, Ltd., Liverpool, Lancs.

### For pharmaceutical preparations and substances for human and veterinary use (5)

PREMENOGEN, 774,072, KOLPRIOL, 776,170, by Organon Laboratories, Ltd., London, W.C.2.

### For anti-histamines (5)

CLISTIN, 775,188, by McNeil Laboratories, Inc., Philadelphia, Pennsylvania, U.S.A.

## COMMERCIAL TELEVISION

PROGRAMME details are given to enable chemists to put in linking-up displays if they wish. Notice given is as far in advance of the programme date as can be guaranteed by the broadcasting companies. Where known, the number of appearances of the product during the week is shown in parentheses.

### July 20-26

#### LONDON

Amami wave set (3). Arrid Roll-on (3). Alka-Seltzer (2). Aspro (7). Astral soap (2), cream (2). Beecham's pills, powder, Bristow's shampoo, Brylcreem (3). Cooper's aerosols (2). Damaskin. Delsey. Digestif Rennies (4). Drummer products (3).

Eno's Fruit Salt (2). Flit press-button spray (2). Frozoclone. Fynnon salt. Germolene (4). Ingram's shaving cream. Iron Jelloids (2). Kodak cameras (4). Lucozade (14).

Maclean's indigestion remedies (2), tooth-paste. Marzine (11). Max Factor creme puff. Mix-a-shake (3). Moorland's indigestion tablets. Nervone. Optone. Optrex. Pepsodent (4). Phensic (3). Phillip's magnesia tooth-paste (3). Prom (3). P.L.J. (2). Rihena (3).

Silvikrin leaf shampoo (2). Sprinkleen. Sun-orange Quosh (3). S.R. tooth-paste (2). Twink (4). Vosene shampoo (2). Yeast-Vite (2).

#### MIDLAND

Amami wave set (3). Arrid Roll-on (3). Alka-Seltzer (2). Astral soap (3), cream (2). Beecham's pills (2), powders. Bristow's shampoo, Brylcreem (6). Cooper's aerosols (2). Digestif Rennies (4). Drummer products.

Eno's Fruit Salt (3). Flit press-button spray (2). Fynnon salt. Hiltone (2). Ibcoll (5). Johnson's first-aid cream (4). Knight's Castile soap. Kodak cameras (4). Lucozade (9).

Maclean's indigestion remedies, tooth-paste (2). Marzine (13). Max Factor creme puff (2). Mellajuce preparations (2). Moorland's indigestion tablets (2). Mix-a-Shake (5). Meggeson's dyspepsia tabs (2). Optrex. Pepsodent (4). Phensic (3). Prom (3). P.L.J. (2). Quickies (3). Ribena (3).

Silvikrin pure, leaf shampoo (2), hair cream. Sprinkleen. S.R. tooth-paste (3). Sun-orange Quosh (3). Twink (3). Vosene shampoo (3). Yeast-Vite (2). Zoflora.

#### NORTHERN

Airwick (2). Amami wave set (2). Arrid Roll-on (2). Alka-Seltzer (2). Astral cream (3). Beecham's pills (3), powders (3). Bristow's shampoo. Brylcreem (4). Carter's little liver pills (2). Cooper's aerosols (2). Cephos (4). Digestif Rennies (4). Dinneford's magnesia (2). Drummer products.

Eno's fruit salt (2). Flit press-button spray (2). Fynnon salt (2). Germolene (3). Hiltone (2). Ibcoll (5). Knight's Castile soap. Kodak cameras (3). Lucozade (4).

Macleans indigestion remedies (3), tooth-paste. Marzine (13). Max Factor creme puff (2). Mix-a-Shake (5). Meggeson's dyspepsia tablets (4).

Moorland indigestion tablets (2). Optabs. Optrex. Pepsodent (4). Phensic (2). Phyllosan (3). Prom (3). P.L.J. (5). Ribena (3). Silvikrin pure, leaf shampoo (3), hair cream. Setlers (5). Sprinkleen. S.R. tooth-paste. Sun-orange Quosh (3). Twink (5). Vosene shampoo (3). Vaseline hair cream (3). Yeast-Vite (2). Zoflora.

#### SCOTLAND

Amami wave set (3). Askit (7). Alka-Seltzer. Beecham's pills. Bristow's shampoo (2). Brylcreem (3). Delsey. Dinneford's magnesia (2). Eno's Fruit Salt (3). Fynnon salt. Germolene (4). Knight's Castile soap (2). Kodak cameras (4). Lucozade (4).

Maclean's indigestion remedies, tooth-paste (3). Marzine (8). Max Factor creme puff (2). Moorland indigestion tablets. Optrex. Pepsodent (8). Phensic (4). Prom (3). P.L.J. (3).

Silvikrin leaf shampoo (2), hair cream. Sun-orange Quosh (3). S.R. tooth-paste (7). Twink (3). Vosene shampoo (3). Yeast-Vite.

#### WALES

Alka-Seltzer (2). Beecham's pills (3). Bristow's shampoo (3). Brylcreem (3). Cooper's aerosols (2). Delsey (4).

Eno's Fruit Salt (2). Fynnon salt (2). Hiltone (2). Ibcoll (5). Kodak cameras (4). Lucozade (3). Maclean's indigestion remedies, tooth-paste. Marzine (11). Max Factor creme puff. Moorland's indigestion tablets. Pepsodent (4). Phensic (3). Phensic (3). Phyllosan. Prom (2). P.L.J. (2).

Silvikrin leaf shampoo (3). Spray Tan. Sun-orange Quosh (3). S.R. tooth-paste (3). Twink (3). Vosene shampoo (4). Yeast-Vite.

## COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

### Monday, July 14

NORTH LONDON PHARMACEUTICAL ASSOCIATION and FINCHLEY BRANCH, PHARMACEUTICAL SOCIETY, Punch Bowle inn, St. Albans Road, Redbourne, Herts, at 8 p.m. Darts match.

### Tuesday, July 15

CHEMICAL SOCIETY, University of Hull, Symposium on "Steric Effects in Conjugated Systems." (Until July 17.)

### Wednesday, July 16

MANCHESTER PHARMACEUTICAL GOLFING SOCIETY, Mere golf club. Competition for Woolley trophy (ladies' day).

SOUTH LONDON AND SURREY PHARMACISTS' GOLFING SOCIETY, Cuddington golf club, Banstead, at 1.30 p.m. Stableford competition for Ucal cup and president's prize.

### Saturday, July 19

ROYAL COMMERCIAL TRAVELLERS' SCHOOLS, Hatch End, Middlesex. Speech day.

**DISPLAY**

D. & W. GIBBS, LTD., Hesketh House, Portman Square, London, W.I.: Pears transparent soap. Window banner.  
JEYES-IBCO SALES, LTD., River Road, Barking, Essex: Crowner for Jeyes' hygienic toilet roll.  
PAN BRITANNICA INDUSTRIES, LTD., Waltham Abbey, Essex: Crowners for garden products.

**Booklets and Leaflets**

J. W. CUMMING & SONS, LTD., 5 Tithebarn Street, Liverpool, 2: "Seaweed Products." Pp. 4.

**PUBLICATIONS**

GEORGE T. GURR, LTD., 136 New Kings Road, London, S.W.6: Information folder. Pp. 4.  
MURPHY CHEMICAL CO., LTD., Wheathampstead, Herts: Advisory Leaflet, June 1958. Pp. 20.

**C. & D. WEEKLY LIST OF PRICES**

A = Advanced; R = Reduced; I.R.P. = Inclusive Retail Price; \* = Tax 30 per cent.; † = Tax 60 per cent.

**BAYER PRODUCTS, LTD.**  
Plaquenil coated tablets  
200 mgm. 100 45 0 67 6  
500 215 0 322 6

**EVANS MEDICAL SUPPLIES, LTD.**

Blackleg antiserum 50 mils 9 4 14 0 A  
Lamb dysentery vaccine improved 9 4 14 0 A  
Lamb dysentery antiserum conc. 22 0 33 0 A  
Louping-ill vaccine conc. 19 0 28 6 A  
Pulpy kidney antiserum 50 mils 11 0 16 6 A  
100 mils 20 0 30 0 A

**REXALL DRUG CO., LTD.**

Aga-Rex\* 8 oz. 23 0 3 6 A  
Bisma-Rex powder\* 4½ oz. 22 3 3 3 A  
9 oz. 37 6 5 6 A  
tablets\* 100 27 0 4 0 R  
Rexall bay rum‡ 4 oz.  
bay rum and cantharides‡ 4 oz. 14 6 2 6 A  
blood purifier\* 8 oz. 16 6 2 6 A  
bone and nerve liniment\* 4 oz. 13 6 2 0 A  
8 oz. 22 6 3 4 A  
bronchial and catarrh syrup\* 4 oz. 14 6 2 3 A  
8 oz. 24 0 3 9 A  
children's cough mixture\* 4 oz. 16 6 2 6 A  
Zinc and easter oil cream 4 oz. 18 3 A  
Gee's lancet pastilles 2 oz. 10 9 A  
Glycerin of thymol pastilles 2 oz. 13 0 A  
Halibut liver oil capsules 100 30 0 R

**P.A.T.A. LIST**

(Alterations notified this week by the Proprietary Articles Trade Association.)

**SMITH, KLINE & FRENCH LABORATORIES, LTD.**  
Furacin soluble ointment 1 oz. 32 0 4 0 A  
Iodox\* 1 oz. 21 8 3 3 A  
4 oz. 61 2 9 2 A  
with methyl salicyl\* 1 oz. 21 8 3 3 A  
4 oz. 61 2 9 2 A

**UNICHEM, LTD.**  
Duo-Gestan lozenges\* 13 4 2 0 A

**ADDITION TO THE LIST**  
**SMITH, KLINE & FRENCH LABORATORIES, LTD.**  
Dibenzyline capsules 100 192 0 24 0

**NEW PRODUCTS AND PACKS**

**ABROTT LABORATORIES, LTD.**  
Peganone tablets Each  
500 mgm. 100 26 8 40 0

**COUNTY LABORATORIES, LTD.**  
Bristow's cream shampoo\* Doz.  
tube 21 6 3 0

**CROWN CHEMICAL CO., LTD.**  
Super Cryozol Jet-Pak 12 37 0

**GALA OF LONDON, LTD.**  
Velvet powder round box‡ 4 3  
Gala lemon cleanser‡ large 6 6  
hormone lotion‡ trial 4 3

**G. T. FULFORD CO., LTD.**  
Snug denture cushions 2 54 0 6 9

<b>MERCK SHARP &amp; DOHME, LTD.</b>															
Codeisol ophthalmic solution	Each														
with neomycin 2.5 mils	10 0	15 0													
<b>OPTREX, LTD. (distributors, KELDON, LTD.)</b>															
Opstope	8 oz.	22 6	2 6												
<b>PFIZER, LTD.</b>															
Deltacontrol DA topical															
ointment 0.25 per cent.															
<b>RACASAN, LTD.</b>															
Raeafet lavender tablet															
<b>WARD, CASSON, LTD.</b>															
Saluzide tablets	100	42 9													
	250	104 6													
	1,000	418 0													

**C. & D. RETAIL AND DISPENSING PRICE LIST**

The drug index for June was 205.5.

Cost		Item	16 oz.	4 oz.	1 oz.	1 dr.
d.	per		s. d.	s. d.	s. d.	s. d.
105	500 gm.	Acacia pulv. opt. ...	—	3 4	1 0	0 1½
23	500 mils	Acetum scille, B.P.C. ...	—	0 9	0 2½	0 1
24	500 mils	Acid. hydrochlor. dil. P.II. (9)	—	0 9½	0 3	—
120	500 mils	Acid. lactic. ...	—	3 10	1 2	0 2
68	500 gm.	Adeps benz., B.P.C. ...	—	2 2	0 8	0 1
51	500 gm.	Ammon. nitras pur. ...	—	1 8	0 6	0 1
42	500 gm.	Applicat. detergents, N.F. ...	—	1 4	0 5	0 1
33	500 mils	Aqua anethi dest., B.P.C., '49 ...	—	1 1	0 4	—
144	500 mils	Aqua sambuci trip. ...	—	4 8	1 5	0 2½
138	500 gm.	Cera alba in massa ...	—	4 5	1 4	0 2½
147	500 gm.	Cera alba in placentis ...	—	4 9	1 5	0 2½
129	500 gm.	Cera cetomacrogol. emuls., B.P.C. ...	—	4 2	1 3	0 2
		Chloral. hydras ... P.I. (8)	—	3 7	1 1	0 2
		Conspers. hydrarg. subchlor. co., B.P.C. ...	—	—	2 8	0 5
		Ext. gentianæ ...	—	—	4 6	0 7½
		Ext. hyoscyam. liq. P.I. (9)	—	—	4 3	0 7½
		Lin. bellad. meth. S.I. (5)	—	3 1	0 11	0 1½
		Lin. methyl. salicyl., B.P.C. ...	—	1 10	0 7	0 1
		Liq. ammon. dil. P.II. (9)	3 1	0 10½	0 3	—
		S.I. (5)	—	—	2 1	0 3½
		Lotio calamin. oleos., B.P.C. ...	3 6	1 0	0 3½	—
		Menthol (natural) ...	—	—	1 6	—
		Ol. amygdalæ Ang. ...	—	6 3	1 11	0 3
		Ol. cadinum ...	—	—	0 10½	0 1½
		Ol. myristicae ...	—	—	2 6	—
		Pasta alumin. co., B.P.C. ...	—	3 3	1 0	0 1½
		Pasta resorcin. et sulphur. ...	—	4 8	1 5	0 2½
		Pasta titan. dioxid. ...	—	2 11	0 10½	0 1½
		Pasta zinci oxid. et picis carb., B.P.C. ...	—	2 1	0 7½	0 1
		Pulv. ipecac. et opii S.I. (5)	—	—	4 9	0 8
		Pulv. mag. carb. co., B.P.C. ...	—	1 1	0 4	—
		Pulv. tragacanth. co. ...	—	3 3	1 0	0 1½
		Resorcinol ...	—	—	5 11	0 10
		Sodii carbonas exsicc. ...	2 11	0 10	0 3	—
		Sodii citras ...	—	2 3	0 8	0 1
		Sodii salicylas ...	—	2 4	0 8½	0 1
		Spt. aetheris ...	—	3 6	1 1	0 2
		Sulphur nigrum ...	2 9	0 9½	0 3	—
		Syr. sennæ ...	—	1 8	0 6	0 1
		Theobromin. et sod. sal. ...	—	—	6 10	0 11½
		Tinct. cardamomi arom. ...	—	—	1 8	0 3
		Tinct. catechu, B.P.C. ...	—	3 0	0 11	0 1½
		Tinct. myrræ et boracis, B.P.C., '49 ...	—	4 11	1 6	0 2½
		Tinct. scillæ, B.P.C. ...	—	2 7	0 9½	0 1½
		Tinct. valerian. ammon., B.P.C. ...	—	3 3	1 0	0 1½
		Tinct. zingiberis fort. ...	—	5 1	1 7	0 2½
		Ung. acid. salicyl. et sulph., B.P.C. ...	—	1 11	0 7	0 1
		Ung. colophonii, B.P.C. ...	—	3 1	0 11	0 1½
		Vap. benzoin., B.P.C. ...	—	3 0	0 11	0 1½
		Vap. menthol. et benzoin. (meth.), B.P.C. ...	—	3 10	1 2	0 2

Cost		TABLETS	Retail (in container)	
d.	per		s. d.	25
180	1,000	Aspirin. co., B.P.C. ...	—	1 1
128	1,000	Cascarae sagr. ext. gr. 2 ...	—	0 11

The bold letters and figures at left of dispensing price relate to the classification of poisons in THE CHEMIST AND DRUGGIST Poisons Guide.



## One of the Plums . . .

... a position as a Medical Representative  
with Burroughs Wellcome & Co.

If you are a pharmacist, preferably between 25 and 35, enterprising, energetic and have a good educational background, you may be just the man we are looking for to fill one of the vacancies in many parts of Great Britain resulting from a vigorous expansion programme and from Representatives being recently promoted or taking up work abroad with the Company.

Whether you have previous Representative experience or not, here is an opportunity to work for a firm unique in the pharmaceutical industry with a research background which is unsurpassed.

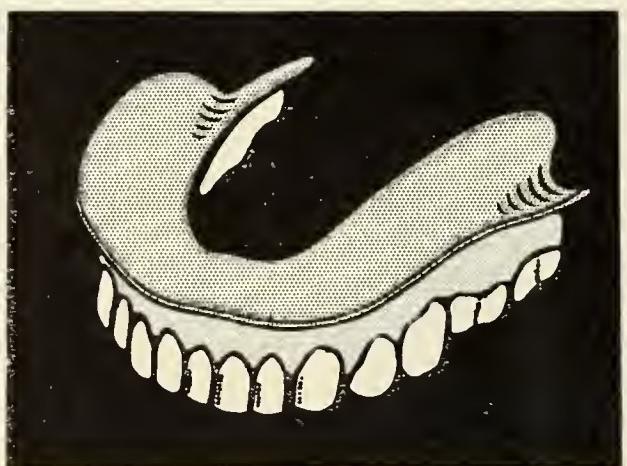
Tempting isn't it? Then why not write to the Manager, of the Home Sales Department (Medical) at The Wellcome Building, Euston Road, London, N.W.1 and learn more about the prospects? Your letter will be treated in strict confidence.



**BURROUGHS WELLCOME & CO.** (The Wellcome Foundation Ltd.) **LONDON**



**SNUG**  
*are selling*  
**now-SNUG GETS**



**plus-NATIONAL ADVERTISING!**

**Powerful SNUG advertisements are  
appearing in:**

**RADIO TIMES · SUNDAY EXPRESS  
SUNDAY DISPATCH · OBSERVER  
SUNDAY TIMES · SUNDAY POST**

Heavy demand is certain. Order a supply of SNUG DENTURE CUSHIONS from your wholesaler. You make 2/3 on every packet you sell!



MARKETED BY G. T. FULFORD CO. LTD. (OF CANADA) CORNWALL ROAD, HATCH END, MIDDLESEX

# SUCCESS!

## DENTURE CUSHIONS

*Thousands in London*

## NATIONAL DISTRIBUTION

### Miracle Cushion Holds False Teeth Tight ...

#### Comforts

sore gums !

NOW! Eat, talk, laugh as you please. Goodbye to loose, rocking, wobbly, uncomfortable dentures. Long lasting. Once applied in your own home a snug cushion stays fixed to the denture. No more daily renewals.



**Snug Denture Cushions** are a triumph of science, a sensational new plastic that gets rid of the annoyance and irritation of loose-fitting false teeth. Applied in a few minutes, they make the wobbliest dentures stay firmly in place—with perfect comfort. Eat steaks, apples, sweets—talk, laugh as you please—dentures "stay-put" firmly, solidly. No need to be embarrassed with falling, clicking and wobbling dentures. Soft, easy-to-clean Snug Denture Cushions are harmless to gums or plate.

#### Sore, irritated gums very painful

Snug comforts sore, irritated gums due to loose-fitting dentures. All tender areas are gently cushioned with this soft plastic. SNUG Cushions are only for wear on plastic dentures; do not use if your plates are made of vulcanised rubber, or metal. With the plastic dentures now so widely in use, SNUG is invaluable.

#### Long lasting —easily replaced

Snug gives constant mouth comfort. Stays soft and pliable—does not harden and damage plate. Peels right off when ready to replace.

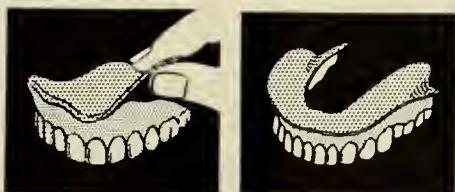
#### Re-lines loose dentures when gums shrink

It's not your dentist's fault that issues and gums shrink gradually—leave spaces between the dentures and the mouth. Snug Denture Cushions re-line the plate so that there are no gaps between dentures and gums. So easy to apply in the privacy of your own home.

#### Easy, fast, simple— done at home—no waiting

Snug Denture Cushions are thin sheets of a marvellous, ever-soft plastic material. Simply place one of these wonderful cushions on the leaned denture (upper or lower) according to simple instructions in package, and presto! You have practically a new plate.

### New soft Plastic holds dentures tighter



#### Amazing new dental discovery now available to all

If you're one of the millions who wear plastic dentures, here at last is the long-awaited answer to troublesome plates. The instant you fit Snug Denture Cushions your plate is held firmly and comfortably in place. You can eat, talk, laugh without embarrassment. Best of all, your gums are cushioned against your denture in

complete comfort. Snug Denture Cushions are soft yet long lasting. No more daily renewals. Hygienic, and easily cleaned in a few seconds along with the plate. Suitable for upper and lower dentures. Ask for Snug Denture Cushions at any chemists today. Price 6 9 per packet of 2 cushions.

#### LOOK!—MONEY BACK GUARANTEE

The makers of Snug guarantee to refund you the full retail price should you not be perfectly satisfied.

**SNUG** grip the plate  
cushion the mouth  
comfort sore gums

MARKETED BY G. T. FULFORD CO. LTD., HATCH END, MIDDLESEX



### EXEMPT FROM PURCHASE TAX

RETAIL PRICE 6/9

per packet of 2 cushions

Trade price: 54/- per dozen. Conveniently packed in display outer containing six 6/9 packets. ORDER FROM YOUR WHOLESALER

GRIP THE PLATE  
CUSHION THE MOUTH  
COMFORT SORE GUMS  
ARE EASILY REMOVED

**SNUG**  
DENTURE CUSHIONS

grip the plate  
cushion the mouth  
comfort sore gums  
are easily removed

**SNUG**  
DENTURE CUSHIONS

## *Analgesic administration to children*

Whether for analgesic or antipyretic purposes 'Angiers' is the ideal aspirin for children.

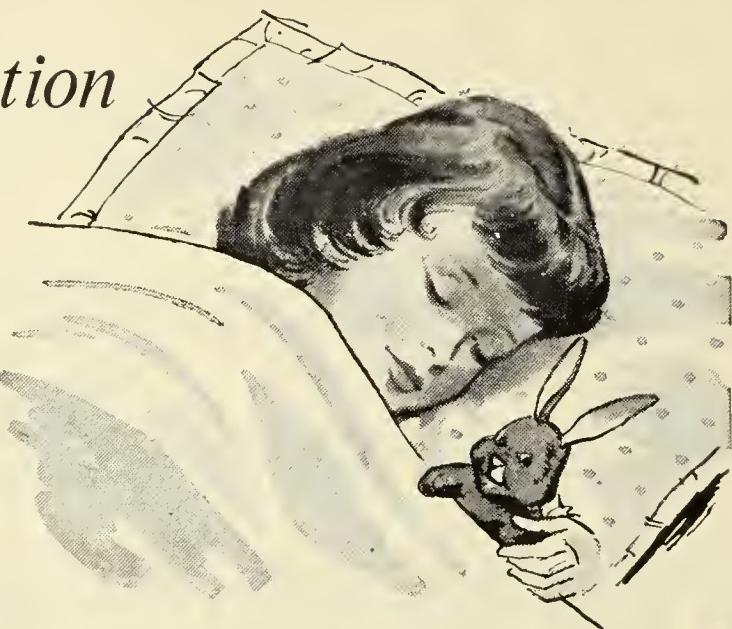
'Angiers' is pure aspirin, in tiny pink  $1\frac{1}{4}$  grain tablets, orange-flavoured and pleasant to suck, chew or swallow. They disintegrate as rapidly in the stomach as they do in milk, water or the salivary juices of the mouth. Each 'Angiers' Tablet also contains 1.50 grains of Dicalcium Phosphate, to check any possible salicylic irritation of sensitive stomachs.



In bottles of 50 tablets  
(Retail 1/7d. including  
P.T.) or in the 500  
tablet dispensing pack.

Full details of trade terms from

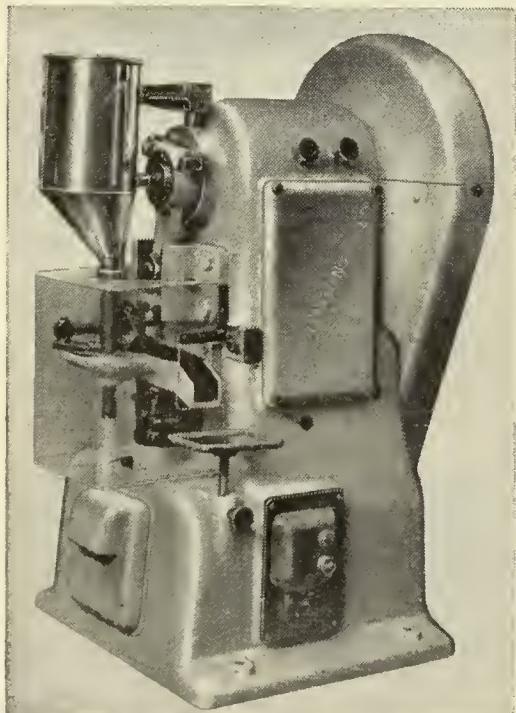
THE ANGIER CHEMICAL CO. · LONDON · S.E.1 (WATERloo 5922)



The Junior Aspirin is  
**Angiers**

Specially  
made for  
children

Proprietors :  
Bristol-Myers Company Ltd.  
CVS-26



New LB.1 Type Bench Tabletting Machine

**S. W. WILKINSON & CO., LTD.**  
WESTERN ROAD, LEICESTER

Telephone: Leicester 21283.

Telegrams: Wilkinson, Leicester 21283

Engineers and Specialists in Pharmaceutical Machinery for over 50 years.

**ROTARY and SINGLE  
PUNCH TABLETTING MACHINES**

**OINTMENT MIXING and  
GRINDING MILLS**

**PUNCHES AND DIES  
FOR ALL TYPES OF  
TABLETTING MACHINES**

**Presses and Moulds for  
Gelatine Capsules**



*The happy traveller—theme of the high-spirited advertising for*

# 'SEA-LEGS'

TRADE MARK

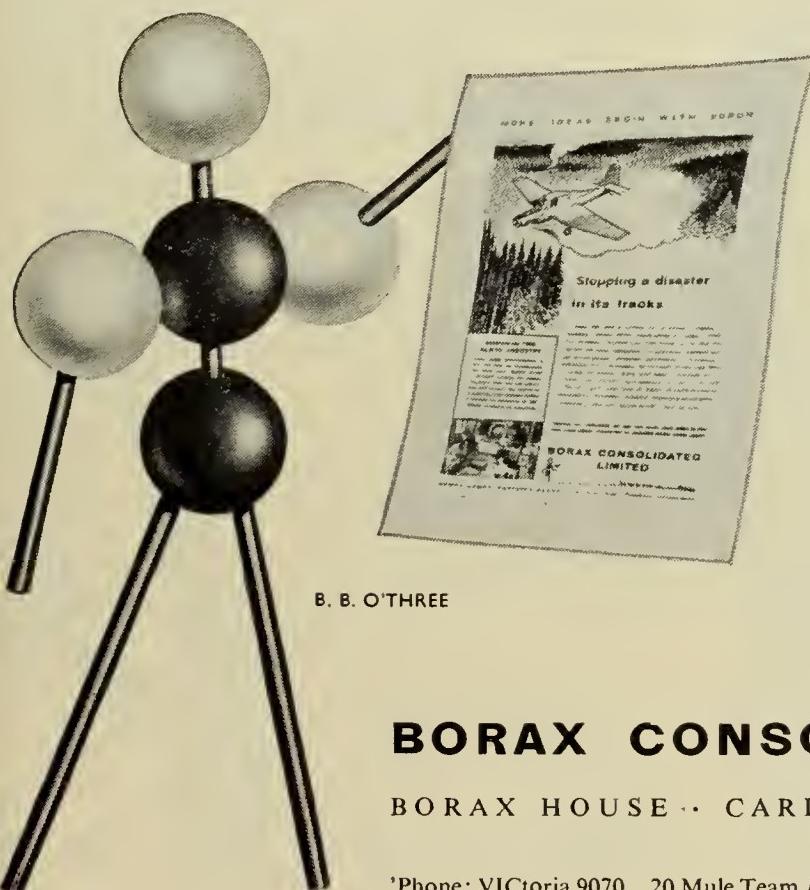
*Order now—Special Bonus Terms*



YOU KNOW ME IN FAMILIAR RÔLES

***Look out  
for me in  
new productions!***

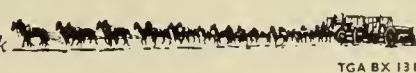
For many years this famous character has pointed out the advantages of borax and boric oxide in industry. Now he is stepping aside to give the scientists a chance to expound some recent developments in boron chemistry in a series of new advertisements. The new approach will cover subjects as varied as nuclear research, weed control and fire retardants. It will throw light on the new and often surprising applications for boron compounds in almost every field of progress, side by side with all their long established uses.



**BORAX CONSOLIDATED LIMITED**

BORAX HOUSE · CARLISLE PLACE · LONDON · SW1

\*Phone: VICTORIA 9070 20 Mule Team Regd. Trademark



# PRIDE 7D



## NEW DOUBLE SHAMPOO SACHETS

**BEER SHAMPOO**

a special Blend for BRUNETTES which helps to attain that much sought after high gloss so necessary with either natural or tinted BLACK hair.

**CHAMPAGNE SHAMPOO**

is specially packed for those who desire the invigorating effect of wine and spirit with a lovely FRENCH PERFUME.

**MEDICATED SHAMPOO**

a hair health shampoo free of all harsh antiseptics. Based entirely on the Pure Natural Oils of the Pine and Ti-Trees is delightful to use and assures a clean healthy scalp.

These three shampoos are in double sachets giving sufficient for 2 complete shampoos. Smart and colourful packs.

Price 3/9 doz. plus 1/2 P.T.

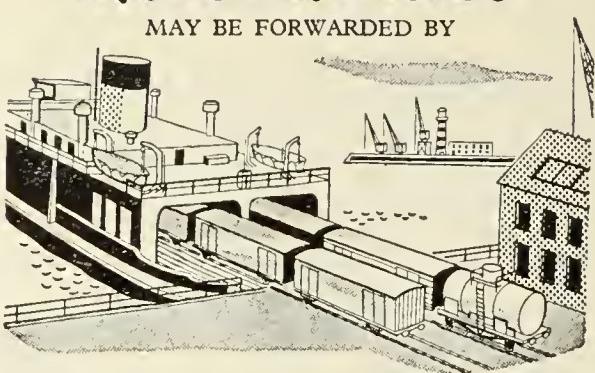
From May, Roberts, Sangers or your usual wholesaler or direct.

**B. N. FURMAN (Productions) LTD.,  
133 Fonthill Road, N.4**



## Merchandise

MAY BE FORWARDED BY



## Through Wagons

TO DESTINATION BETWEEN

### GREAT BRITAIN & THE CONTINENT

- \* London - Harwich - Zeebrugge (Daily in each direction)
- \* London - Dover - Dunkerque (Two to Four sailings daily in each direction)

Packing and handling absolute minimum

Full particulars from:— Continental Superintendent, Victoria Station, London, S.W.1 for Dover route and Continental Traffic & Shipping Manager, Harwich House, 129 Bishopsgate, London E.C.2 for Harwich route

BRITISH RAILWAYS

## Yalcs Superfine

### NYLON ELASTIC HOSIERY

is being widely advertised in leading Women's Magazines. Be prepared for the demand for these revolutionary surgical stockings which give women leg glamour as well as support for varicosity. A slightly heavier quality Yalcs SERVICE is available against N.H.S. prescription.



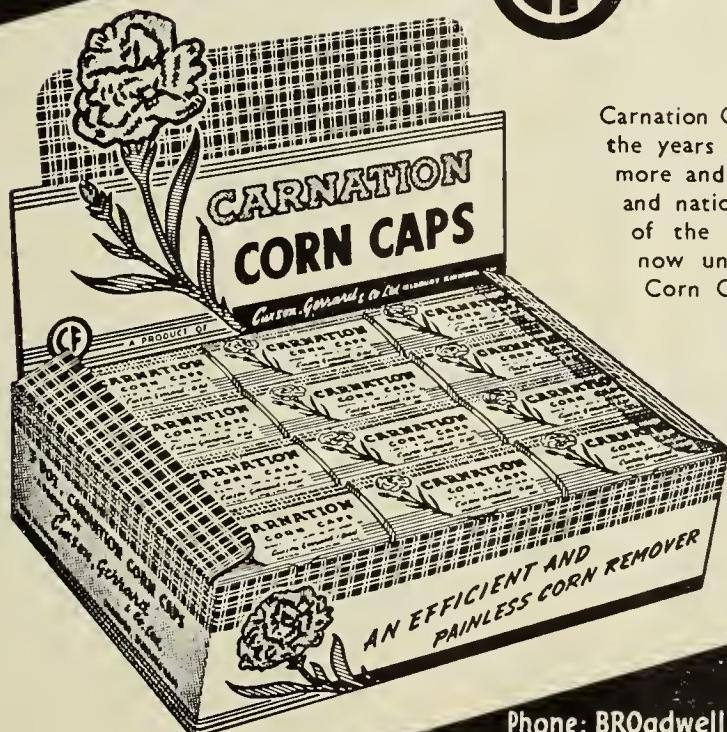
Display material, leaflets,  
shade cards available  
on request.

Enquiries to:

**GLENSEIDE (LONDON) LTD.,  
37 PERCY ST., LONDON, W.I.**



**Still the most popular  
Corn remover**



# DISPLAY NOW

Carnation Corn Caps are well known and sell readily. Over the years they have become very firmly established and more and more widely known through recommendation and national advertising. Demand increases at this time of the year, and a regular prominent display from now until the winter will pay you well. Carnation Corn Caps have been a C.F. line since its inception.

**RETAIL 1/3d. PACKET**

(INCLUDING TAX)

**TRADE 8/3d. DOZEN**

(PLUS TAX)

CARRIAGE PAID ORDERS

£5 AND OVER

(ALL PRODUCTS)

A  
PRODUCT OF  
*Cuxson Gerrard & Co. Ltd.*  
OLDBURY • BIRMINGHAM

Phone: BROadwell, 1355

for **ASTHMA** and Allied Chest Complaints, you can safely recommend —

**RIDDOVYDRIN** ASTHMA INHALANT

—A BIOLOGICAL PREPARATION CONTAINING VITAMIN C

**RIDDOVYDRIN** gives Rapid and Prolonged Relief to the most Chronic Cases.

SAMPLES AND LITERATURE FREE ON REQUEST.

TOGETHER WITH

**RIDDOPAG** PLASTIC INHALER

WITH OR WITHOUT MASK

— UNBREAKABLE —

Gives a Fine Dry Vapour Free of Drops

MAY BE SUPPLIED ON E.C.10 FORMS

40% DISCOUNT ALLOWED ON ALL INHALERS  
RETAILING FROM 9/6d. TO 58/6 TAX FREE



**RIDDELL PRODUCTS LTD.**

HEAD OFFICE:

RIDDELL HOUSE,  
10-14 DUNBRIDGE STREET, LONDON, E.2

Phone: BIS 0843 4-5 (3 lines)

BRANCH OFFICE:

11 MANSFIELD CHAMBERS,  
ST. ANN'S SQUARE, MANCHESTER, 2

Phone: BLA. 2894



PRESSWORK, TINS, CANISTERS  
DECORATED METAL BOXES  
CONTAINERS OF ALL KINDS  
DRUMS AND KEGS



MODERN PACKAGES  
LIMITED

PHOENIX WORKS

UXBRIDGE 8535-6-7-8

# DENTURAL LIQUID DENTURE CLEANSER ON I.T.V. FROM JULY 10

Dentural makes its Television debut from the London station on July 10th, in the Shop Window programme, and will continue at approximately weekly intervals. Press advertising is also being intensified during the same period, to include the Sunday Dispatch and Sunday Express. How are your stocks?

#### *Wholesale and Retail Prices:*

5 oz. 14/4 per doz.	2/- per bottle inc. tax.
10 oz. 21/- per doz.	3/- per bottle inc. tax.

Attractive showcards are available on request.

**SAVORY & MOORE LTD.**  
Standard Works, Lawrence Road, N.15



#### "Eagle" Brand Chemicals

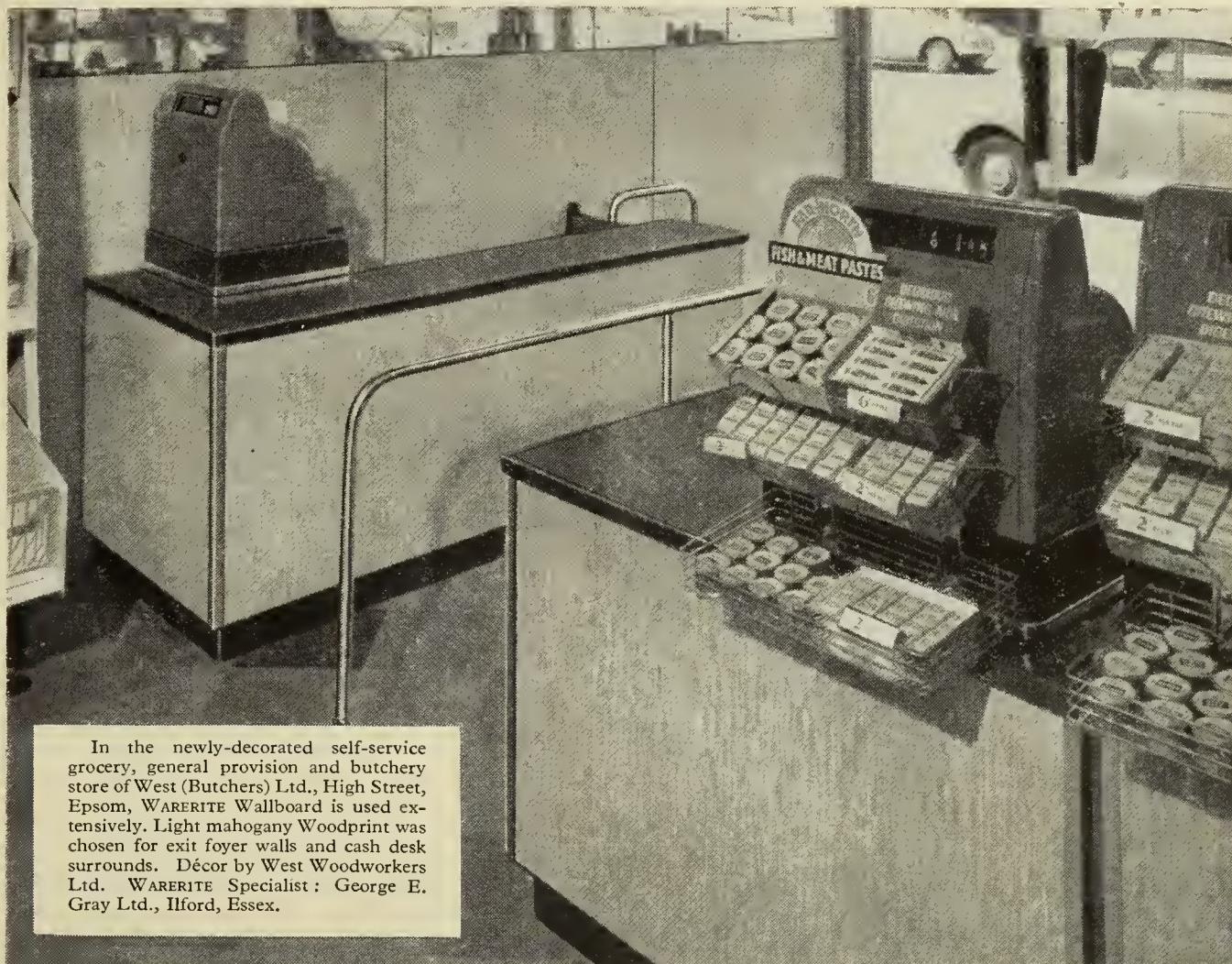
PHOTOGRAPHIC CHEMICALS  
SODIUM METABISULPHITE  
SODIUM HYPOSULPHITE  
(Crystals and Anhydrous)  
SODIUM SULPHITE  
(Crystals and Anhydrous)  
EPSOM SALTS B.P.  
GLAUBER SALTS B.P.  
PRECIPITATED SULPHUR B.P.  
ACCUMULATOR ACID

Enquiries Invited

**JOHN RILEY & SONS, LTD**  
HAPTON, NR BURNLEY

Grams: "Rileys" Hapton

Phone: Padham 290/4



In the newly-decorated self-service grocery, general provision and butchery store of West (Butchers) Ltd., High Street, Epsom, WARERITE Wallboard is used extensively. Light mahogany Woodprint was chosen for exit foyer walls and cash desk surrounds. Décor by West Woodworkers Ltd. WARERITE Specialist: George E. Gray Ltd., Ilford, Essex.

**New**

## WARERITE Wallboard

REGD.  
for Brighter Premises—Better Business!

Good-looking premises always help to attract more customers—and that means *more business*. Panelling with WARERITE Wallboard is the ideal, simple way to brighten up walls, counter fronts, partitions, flush doors, ceilings and all vertical surfaces. WARERITE Wallboard is moisture-resisting, durable and easily cleaned, and there are sixteen different patterns and colours to choose from !

### WARERITE Specialist Service

WARERITE Specialists are located in 150 cities and towns throughout the country, and supply WARERITE Wallboard from stock. Write for literature, samples and name of your nearest WARERITE Specialist.



with the lovelier patterns!



A product of BAKELITE LIMITED • 12-18 GROSVENOR GARDENS • LONDON SW1 • Telephone: SLOane 0898  
TGA WW9

## *The Production of* **CHEMISTS' PRINTING**

is essentially the work of a firm who really do specialize and study the importance of all your requirements.

WE  
OFFER  
YOU



THE  
CORRECT  
SERVICE

**ALF HARRISON & SONS LTD.**

*Carton, Medical and Advertising Printers*  
**BURLEY ROAD, LEEDS, 4**

Phone: Leeds 52668/9

Grams: "Ideas," Leeds, 4

**VITAMIN D3**

**PURE CRYSTALLINE D3**

**FINE CHEMICALS**

*Manufacturers:*

**PEBOC  
LIMITED**

Sales Office:

629/630 TOWER BUILDING  
LIVERPOOL, 3, ENGLAND

Laboratories:

NORTHLAND, MIDDLESEX

## **Be a ladies' man**

Cash in on this rapidly expanding market, by recommending Cuticura Hand Cream to your lady customers, for their satisfaction and your own profit. They'll love the non-greasy, soothing, silk-soft luxury of fragrant Cuticura Hand Cream—the elegant new light-as-air polystyrene jar—the economical price. Like all the Cuticura Preparations, Cuticura Hand Cream has only to be tried once to become a firm family favourite with the customer, and for you a best-seller.

### **Cuticura Hand Cream**

Price to you 17/10d. a dozen;  
to the customer 2/11d. a jar. Purchase Tax 60%

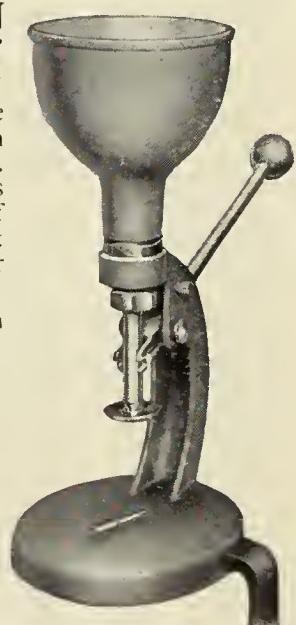
also

**SOAP • TALCUM POWDER  
OINTMENT • MEDICATED LIQUID  
SHAVING STICK**

100

## **Increased Profits? ... BE YOUR OWN MANUFACTURER**

Here is your chance to make up your own products with the QP laboratory emulsifier. Strong and well designed this emulsifier will pay for itself many times over. Priced at £8-12-6 it is a must for your shop or laboratory.  
5% discount for cash with order.



*Send today for full details  
of how you can increase  
your profits.  
Homogenisers (Hand Oper-  
ated),*

**HOLLOW WORKS,  
SHAWCLOUGH, ROCHDALE.**  
Telephone: Rochdale 49321  
Telegrams: Homogeniser,  
Rochdale.

**ORMEROD  
ENGINEERS LTD**

# HELP!

**FOR THE CHEMIST WHO  
STOCKS UP WITH**

**NEW**  
*Sno-stik*

**The New Stick Deodorant**

There's real help this year for the Sno-stik stockist—dramatic and exciting help in the National Press and principal women's magazines. The Sno-stik campaign will be the most outstanding deodorant campaign of the year. The twin space technique will demand attention wherever it appears. Women will remember Sno-stik—ask for Sno-stik. Make sure you can supply.

E. Griffiths Hughes Ltd.,  
P.O. Box 407, Manchester



**This is how the Sno-Stik  
Twin Spaces will appear  
in the national dailies**

# BAGS WRAPPINGS

# LABELS TABLET CARTONS



**SUTTLEY & SILVERLOCK**

(Branch of Kelly's Directories Ltd.)

**ANDOVER, HANTS**

Tel. 2234/5

**STOCK  
LABELS  
BY  
RETURN**

**The shaving brush  
with the TWO YEAR  
guarantee ....**

We cordially invite you, when in London, to visit our showrooms at :—

92 Regent Street, London, W.I  
(one minute from Piccadilly Circus)  
and see our range of 250 Pure Bristle and Pure Badger Shaving Brushes to suit all markets



Please ask your wholesaler for particulars of our special offers.  
Write for illustrated brochures and price lists.

**THE PROGRESS SHAVING BRUSH CO. LTD.**  
Mottram St., Stockport, Eng. 92 Regent St., London, W.I



## A NEW ALL-PURPOSE PERSONAL WEIGHING MACHINE

For Babies—Children—Adults

No Loose Weights—Capacity 20 stone x 1 oz.

These machines are manufactured in our Works at Edmonton, London, N.18.

They have been specially designed for Chemists' shops where space is limited.

Strongly constructed of Cast Iron—white enamelled with tare bar to balance off the Baby Basket.

Will give extremely accurate weighing service and comply with local Weights and Measures Bye-laws.

Obtainable from your usual wholesaler or direct from the makers.

Hire Purchase Terms are available.

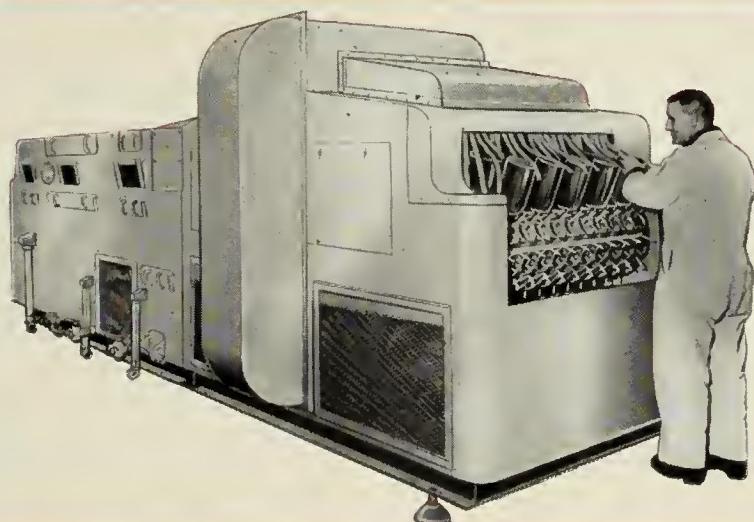


*Please send for illustrated Brochures.*

**HERBERT & SONS LIMITED**  
38 CHARTERHOUSE STREET, LONDON, E.C.1

Telephone: CLE 2812  
2/4 CLARENDON STREET, OXFORD ROAD, MANCHESTER, 15  
Telephone: CENTRAL 5567

# what's in a bottle?



Designed specially for Chemists' bottles yet suitable for all trades, Powley's "SPARTAN" Hydro Bottle Washer-Dryers give outputs ranging from 2160 bottles per hour, and take up very small floor space. Whatever has been in your bottles "SPARTAN" washes and dries sparkling clean.

## Spartan

HYDRO BOTTLE WASHING & DRYING MACHINES

R. POWLEY & SONS LIMITED, ST. MARK'S ROAD, SUNDERLAND, ENGLAND

Telephone 4846 7

Telegrams and Cables Powley Sunderland

*The name that guarantees accuracy*

- CLINICAL THERMOMETERS
- HOUSEHOLD THERMOMETERS
- INDUSTRIAL THERMOMETERS

**G.H. ZEAL LTD**

LOMBARD ROAD · MORDEN  
ROAD · LONDON · SW19

Telephone: LIBERTY 2283 - 4 - 5 - 6 and 4201  
Cables: "Zealdom" London



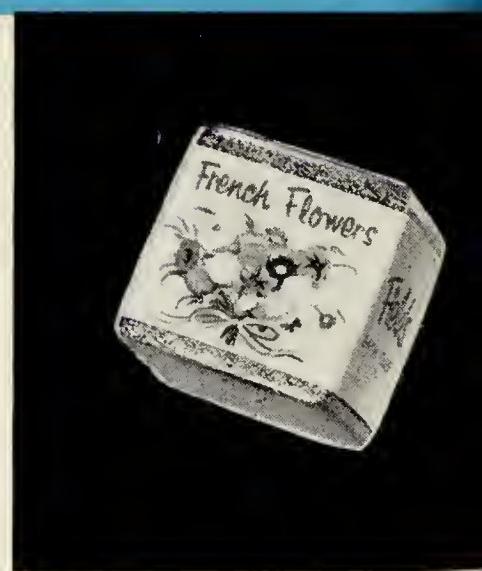
**ZEAL** BRITISH MADE



**CLINICALS**



the 'girl in the bat'



goes right on selling Fields  
 new **French Flowers** range  
 with perfume from Paris

Strong and continuous advertising campaign from now onwards, in colour and black and white, in Woman, Woman's Own, She, Everywoman, Modern Woman, Woman's Realm, Woman's Day, Woman's Illustrated, will sell Fields new French Flowers range to over ten million women.

**FRENCH FLOWERS TALC**

with perfume from Paris; silky-textured; blended with a special deodorant. 2/9.

**FRENCH FLOWERS PERFUME STICK**

Long-lasting perfume from Paris, attractive handbag-size case; unspillable, unbreakable. 2/9. Every twelve in an attractive display outer.

**FRENCH FLOWERS BATH CUBES**

with perfume from Paris. 5½d. Twelve or six in display outers.

**FRENCH FLOWERS SOAPS**

with perfume from Paris. Attractive individual wrapping to keep the fragrance in. Fine-milled, pale blue. 1/-. In boxes of three.

Have you ordered enough stock? Are your showcards on display?

All orders and correspondence to J. C. & J. Field Ltd., P.O. Box 482, Manchester

French Flowers  
Fields

Fields

OF BOND STREET

*Ortho products*  
*demands . . .*

. . . consideration of patient acceptance and individual physical and physiological requirements.

*research has provided*

*the following proven materials to fulfil this demand . . .*



#### **Ortho-Gynol\*** Vaginal Jelly

A contraceptive jelly of high spermicidal power, adequately lubricant for use with the ORTHO diaphragm.

#### **Ortho-Creme\*** Vaginal Cream

The high spermicidal and well-tolerated properties of ORTHO-GYNOL Vaginal Jelly in a low-lubricating cream base, for use with the ORTHO diaphragm.

#### **Ortho\*** Diaphragm

A light, durable, precision-made coil spring diaphragm providing accuracy of fit and comfort in use.

#### **Preceptin\*** Vaginal Gel

A unique synthetic compound of high spermicidal properties specially designed for those cases where secondary occlusive devices are impractical and where cervical occlusion through the synthetic barrier-type base is an added desirability.

#### **Delfen\*** Vaginal Cream

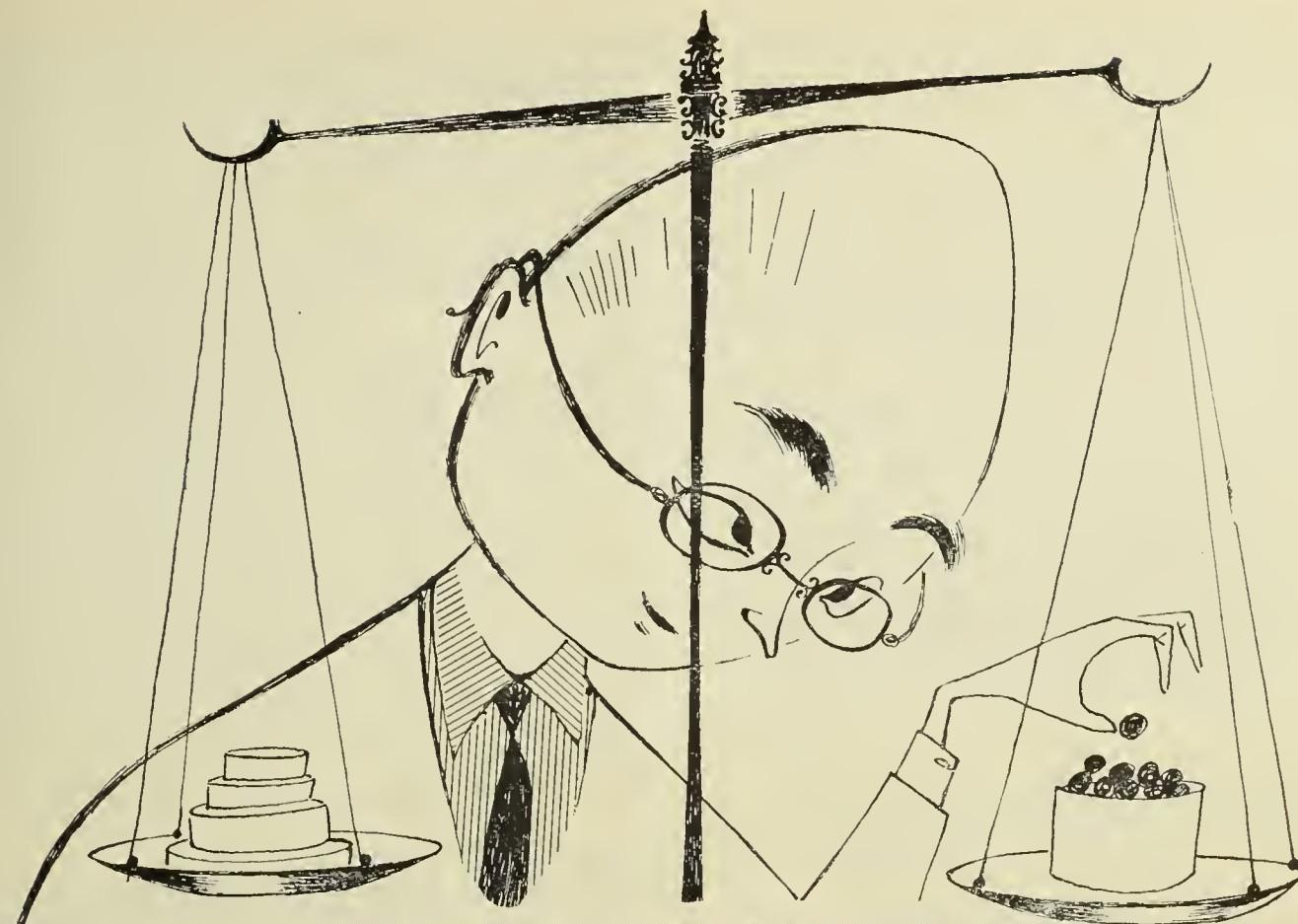
The most spermicidal contraceptive from modern research, in a new oil-and-water emulsion. Acts by its instantaneously lethal effect on sperms and the rapid diffusion of its properties throughout every vaginal crevice. For use with the ORTHO measured-dose applicator.



\* Trade Mark

**Ortho Pharmaceutical Limited**

High Wycombe • England

**SUPERLATIVE DISPENSING**

See our exhibits at  
The Packaging Centre,  
50, Poland Street, W.1.



It is in the nature of the chemist to hold a meticulous regard

for everything he does and everything he handles. Small wonder, then, that he

specifies Robinson's standard chemists' boxes as a fitting

complement to superlative dispensing.



# **Robinson Boxes**

ROBINSON AND SONS LIMITED

**WHEATBRIDGE MILLS CHESTERFIELD**

Telegrams: "Boxes" Chesterfield. Telephone: 2105, 8 lines

London Office: King's Bourne House, 229/231, High Holborn, London, W.C.1. Telegrams: 'Omnibox' Holb. London. Telephone: Holborn 6383

**Do not  
disappoint  
your customers  
—stock and display**

# *askit*

Powders and tablets for the safe and speedy relief of headaches, colds, chills, rheumatic and nerve pains.

EX ALL LEADING WHOLESALE HOUSES

## MODERN EQUIPMENT



**"WEBSTER'S"**  
STAINLESS STEELWARE

**ISAAC WEBSTER & SONS LTD.**  
ABBEY WORKS  
KIRKSTALL  
LEEDS. 5.

TELEPHONE  
51580  
LEEDS

TELEGRAMS  
"ISAAC WEBSTER"  
KIRKSTALL

The modern and safe remedy for head pests



Attractive Sales Aids sent FREE on request

## SULEO hair emulsion

Suleo Hair Emulsion is formulated with D.D.T. plus Pyrethrins and one treatment clears the worst case of head infestation within minutes. Its toxic effect lasts longer than the nits' incubation period and the hair can be washed 24 hours after treatment without reducing the residual lethal effect.

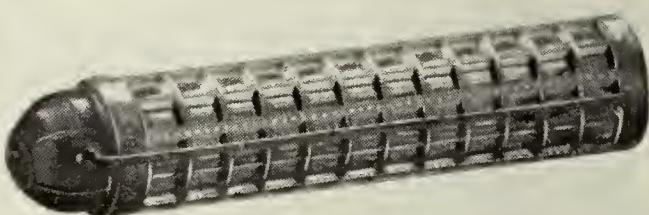
Approved by members of the Medical and Nursing profession. Safe and harmless to hair and scalp. Easily applied. Non-irritant. Non-poisonous. Unobtrusive. Non inflammable.

### AVAILABLE FROM ALL WHOLESALERS

Write for free sample and leaflet

Dept. CD, JEYES' LABORATORIES LTD  
River Road, Barking, Essex

## NOVELTY CURL FOUNDATIONS "FABULO" BRAND



The world's best and cheapest UNBREAKABLE (polythene) HAIR ROLLER or CURLER in 2 sizes for professional use by Hairdressers, for use with Home Perms or simply by damping the hair.

Size 1=6 in cellophane packet (very attractive) 3" long  
Size 2=5 " " " " " 3½ "

Price 15/10 per doz. packets of either size +30% P.T.  
Min Retail Price 2/6 per packet of either size.

*Samples on request*

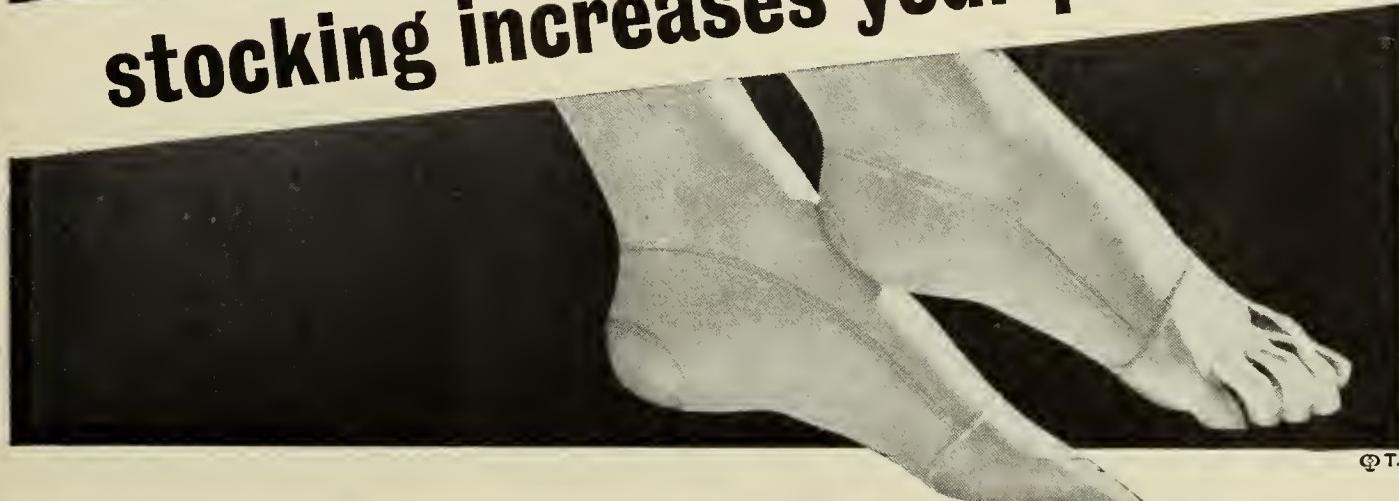
Supplies obtainable through the wholesale trade or direct from:

**HAETAM LTD., 63 Corporation St. Manchester 4**  
Telephone: Blackfriars 3882

Wholesalers who do not yet stock these renowned Curlers please contact us for trade terms.

The NEW Lastonet light-resistant

stocking increases your profits!



© T.S.

First in the field once again, with improvements in surgical stockings, Lastonet now introduce *light-resistant rubber* into their elastic net.

Because this largely prevents the deterioration caused to rubber by exposure to light, it enhances the efficiency and lengthens the life of Lastonet Elastic New Stockings.

With this *added* advantage, Lastonet Stockings will be even more widely prescribed on the NHS, and your profits *must* be increased.

No stock problems with Lastonet Stockings! No risk. Every stocking is individually made to the patient's measure. Quick delivery and an excellent profit margin are assured.

Lastonet  
ELASTIC  
NET STOCKINGS

**Nylon or Cotton** Send today for  
stocking measurement forms and display material.

LASTONET PRODUCTS LTD, CARN BREA, REDRUTH, CORNWALL

July 12, 1958

*The*  
**CHEMIST AND DRUGGIST**  
 CLASSIFIED ADVERTISEMENTS

Telephone: CENTRAL 6565

Specially spaced Advertisements, including:—Public and Legal Notices, Sale by Auction, Appointments, Contract Work, Patents, Partnerships, 18/- per  $\frac{1}{2}$  inch minimum and pro rata. Box 2/-. Clearances and Wants, Businesses for Disposal and Wanted, Premises, Agents Wanted, Agencies Wanted, Miscellaneous, 17/6 for 36 words minimum; then 4d. per word. Box 2/-. Situations Vacant, 12/- for 36 words minimum, then 4d. per word. Box 2/-. Situations Wanted, 3/- for 18 words minimum; then 2d. per word. Box 1/-.

Address Box Number Replies to: THE CHEMIST AND DRUGGIST, 28 ESSEX ST., STRAND, LONDON, W.C.2

## **ORRIDGE & COMPANY**

**CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL**  
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### **PREMISES FOR SALE**

**BERMONDSEY, S.E.1.** Substantial three-floor modern factory, part newly constructed. Lofted floors (concreted). Steam heating. Sprinklers. 32,300 sq. ft. Yards. Immediate possession. Freehold. Low price for early sale, £67,500. Chamberlain & Willows, 23 Moorgate, E.C.2. (MET. 8001.) C 8187

### **MULTIPLE POSITION SHOP PREMISES,**

**High Road, Wood Green, N.22**  
 Long lease for sale.  
 Principals only.  
 Box C 1615.

### **BUSINESSES FOR DISPOSAL**

**FOR SALE.** Glasgow, South Side, small pharmacy on main thoroughfare. Particulars on application, Box C 1619.

**DEATH VACANCY.** East Midlands. Main Street pharmacy. Very valuable central position in market and industrial town. Large, and developing and photographic business with D. & P. service on the premises. Usual toilet agencies. Optical department. Premises (freehold) and business to be disposed of. Apply: Henry Hallam & Son, 8 Lower Pavement, Nottingham. Phone 40091. C 1614

**PHARMACY, W.C. AREA,** offered for stock and fixtures at valuation. Approximately £1,500 in all. Long lease, moderate rent, sublet income. Cash or terms. Apply Box C 1617.

### **BUSINESSES WANTED**

**IN THE ASHE LABORATORIES** development programme provision is made for the purchase of one or more cosmetic, toiletry or proprietary medicine businesses. Principals are invited to contact Managing Director with a view to opening negotiations. Ashe Laboratories, Limited, Leatherhead, Surrey. C 396

### **APPOINTMENTS**

#### **ANCOATS HOSPITAL, MANCHESTER, 4**

**Locum Pharmacist**

required. Salary by arrangement. Applications to the General Superintendent. C 8172

#### **BARNET GENERAL HOSPITAL, WELLHOUSE LANE, BARNET, HERTS**

**(461 Beds)**

**Assistant-in-Dispensing**  
 required. Whitley salary scale with London Weighting. New well-equipped department. Hospital convenient to Northern Line station (L.T.). Applications to Hospital Secretary, with details of qualifications and experience and names of two referees. C 412

#### **ANCOATS HOSPITAL, MANCHESTER, 4**

**Pharmacist**

Applications are invited for the above post. Whitley Council scale and conditions. Salary £580—£785 p.a. Applications, stating age and experience, with names of two referees, to the General Superintendent. C 8173

#### **BETHNAL GREEN HOSPITAL, CAMBRIDGE HEATH ROAD, LONDON, E.2**

**Locum Pharmacist**

Salary up to 16 guineas a week. Apply to Hospital Secretary. Tel.: ADV. 3413. C 397

#### **CANTERBURY GROUP HOSPITAL MANAGEMENT COMMITTEE**

**Deputy Chief Pharmacist**

Applications are invited for the appointment of Deputy Chief Pharmacist to the Group Pharmaceutical Department (Category IV Hospitals). The department, which is situated at the Kent and Canterbury Hospital, serves the eleven hospitals and clinics in the area. Salary £675 rising by annual increments to a maximum of £910 per annum. Applications with full details and the names of two referees to be addressed as soon as possible to the Group Secretary, Central Office, Nunnery Fields Hospital, Canterbury. C 8184

#### **CROYDON EYE UNIT, 33 MAYDAY ROAD, THORNTON HEATH**

**Pharmacist (part-time)**

Six sessions weekly. Rate 33s. per session. Pharmacy linked with that of Mayday Hospital. Application form obtainable from the undersigned.

**GEORGE A. PAINES,  
Group Secretary,  
General Hospital,  
London Road, Croydon.** C 8090

#### **CENTRAL GROUP HOSPITAL MANAGEMENT COMMITTEE**

**Locum Dispensing Assistant**  
 required for the following period:—  
 September 8 to 27.

Salary up to £9 11s. 6d. per week, plus London Weighting according to age and qualifications. Applications to the Chief Pharmacist, St. Leonard's Hospital, Nuttall Street, London, N.1. C 415

#### **DULWICH HOSPITAL, EAST DULWICH GROVE, S.E.22**

**Assistant-in-Dispensing**

required in the Pharmacy at the above hospital. Post vacant from September 22. Department may be visited by arrangements. Salary and conditions of service according to Whitley Council agreements; commencing rate based on age and experience. Applications giving age and experience, with names of two referees to Group Secretary, Camberwell H.M.C., Dulwich Hospital, by August 18. C 8206

#### **GENERAL HOSPITAL, MARGATE**

**Locum Pharmacist**

required. Applications, stating age, qualifications and experience, with names of two referees, to the Hospital Secretary. C 414

#### **HIGHBURY HOSPITAL, BULWELL, NOTTINGHAM**

**Pharmacist**

Applications are invited for the appointment of full-time Pharmacist. The post offers opportunity to obtain experience in general pharmaceutical work.

Salary £580 x £30 (6) x £25—£785. Applications, stating age, qualifications and names of two referees, to Hospital Secretary. C 8192

#### **KENT AND CANTERBURY HOSPITAL, CANTERBURY**

**Locum Pharmacist**

required for service in the Group Pharmaceutical department for a period of approximately two months. Salary by arrangement and according to experience. Enquiries to Group Pharmacist (telephone Canterbury 2291). Applications to Group Secretary, Central Office, Nunnery Fields Hospital, Canterbury. C 8183

#### **LAMBETH HOSPITAL, BROOK DRIVE, S.E.11**

**Assistant-in-Dispensing**

required. Whitley Council rates of pay and conditions. Applications in writing, giving names of two referees to the Secretary. C 390

## **ERNEST J. GEORGE & CO.**

**329 HIGH HOLBORN, LONDON, W.C.1.**

*Professional Valuers to the Pharmaceutical Trade.—Wholesale, Retail and Hospital Stocks. Branches throughout England and Scotland.*

Telephone: HOLBORN 7406/7

**Appointments—Continued****HOSPITAL MANAGEMENT COMMITTEE No. 9, WAKEFIELD "A" GROUP****Senior Pharmacist**

required for the Group Pharmaceutical Department at Clayton Hospital, Wakefield. Successful candidate will take charge of a small manufacturing and sterilising department and will undertake very occasional relief duties at one other hospital in the Group.

Salary scale £650 x £30 (6)—£830 per annum with additional allowance of £25 per annum for possession of a qualification higher than Ph.C. New entrants to the Hospital Service commence at the minimum of the scale. Conditions of service in accordance with Whitley Council Agreements.

Application forms obtainable from the Group Secretary, 113 Northgate, Wakefield. C 8189

**LEEDS (A) GROUP HOSPITAL MANAGEMENT COMMITTEE****Assistant-in-Dispensing**

Applications are invited for the above post. Duties will be at the Group Pharmaceutical Unit, St. James's Hospital, and at other hospitals in the Group. Salary and conditions of service in accordance with Whitley Council recommendations. Applications giving personal details and experience to the Chief Pharmacist to the Group as soon as possible. C 8202

**METROPOLITAN HOSPITAL, KINGSLAND ROAD, LONDON, E.8****Locum Pharmacist**

required immediately. Salary up to 16 guineas a week. Apply to Hospital Secretary. Tel.: CL1882. C 392

**MAYDAY HOSPITAL (595 Beds)****Category IV****Locum Tenens Pharmacist**

£16 16s. weekly. Duties at Mayday Hospital or Croydon Eye Unit as required. Modern Pharmacy. Good working conditions. Canteen on hospital premises. Vacancy on week-to-week basis for indefinite period. Application in writing, giving detail of age, qualifications and previous experience to the undersigned.

GEORGE A. PAINES,  
Group Secretary.

General Hospital,  
London Road, Croydon.  
C 8174

**METROPOLITAN HOSPITAL, KINGSLAND ROAD, LONDON, E.8  
(General 146 Beds)****Pharmacist**

for modern department. Permanent post vacant due to retirement. Salary £600—£815, plus appropriate higher qualification allowance. Apply with details of age, training and experience to the Hospital Secretary. C 398

**NAPSURY (MENTAL) HOSPITAL MANAGEMENT COMMITTEE,****Nr. ST. ALBANS, HERTS****Locum Tenens Pharmacist**

required at £16 16s. per week. Details to the Group Secretary with names of two referees in an envelope to be endorsed "Locum Pharmacist." C 8101

**NORTH STAFFORDSHIRE ROYAL INFIRMARY****Deputy Chief Pharmacist**

A vacancy exists for the above post. Salary within scale £675 to £910 p.a. Applications, with names of two referees to the Hospital Secretary, Royal Infirmary, Stoke-on-Trent, as soon as possible. C 8188

**NAPSURY (MENTAL) HOSPITAL MANAGEMENT COMMITTEE,****Nr. ST. ALBANS, HERTS****Senior Pharmacist**

Applications are invited for the above post, £650 x £30 (6)—£830. New pharmacy completed 1957.

Applications to the Group Secretary, with names of two referees, endorsed "Senior Pharmacist." C 8102

**NOTTINGHAM EYE HOSPITAL****Assistant-in-Dispensing**

required. Duties to commence on July 20, 1958.

Salary and conditions of service in accordance with the Whitley Council.

Applications stating age, experience, qualifications, and the names of two referees to be sent to the Group Secretary, General Hospital, Nottingham. C 413

**NOTTINGHAM No. 1 HOSPITAL MANAGEMENT COMMITTEE, NOTTINGHAM EYE HOSPITAL****Chief Pharmacist (Category II)**

Applications are invited for the appointment of Chief Pharmacist (non-resident) at the above Hospital.

Salary and conditions of service in accordance with Whitley Council Regulations.

Applications giving full particulars together with the names of three referees to be sent as soon as possible to the Group Secretary, General Hospital, Nottingham. C 408

**OAKWOOD HOSPITAL, MAIDSTONE****Assistant-in-Dispensing**

(full time) required at the above hospital. Salary and conditions of service in accordance with the Pharmaceutical Whitley Council regulations. Applications stating age, qualifications, full details of experience and the names of two referees to be sent to the Secretary as soon as possible. C 8209

**PINEWOOD HOSPITAL, NINE MILE RIDE, WOKINGHAM****Locum Chief Pharmacist**

required for two weeks from September 1. Salary £16 16s. per week. Residential accommodation available, £135 p.a. Applications to Secretary. C 8167

**PRESTON AND CHORLEY HOSPITAL MANAGEMENT COMMITTEE, CHORLEY AND DISTRICT HOSPITAL, CHORLEY****Pharmacist**

Applications are invited for the post at the above busy general hospital. Excellent opportunities to obtain wide experience in hospital pharmacy.

Whitley Council scale and conditions. Salary £580—£785 per annum plus £25 per annum higher qualification allowance.

Applications, with names of two referees, to the Group Secretary, Royal Infirmary, Preston, Lancs. C 8193

**STAINES GROUP HOSPITAL MANAGEMENT COMMITTEE, ASHFORD HOSPITAL, ASHFORD, MIDDLESEX****Pharmacist**

required on salary scale £580 to £785 per annum, plus London Weighting Allowance. OR Locum Pharmacist, salary £16 16s. per week. Applications, stating age, qualifications and experience, with copies of up to three recent testimonials, to Medical Director of Hospital immediately. C 385

**STOCKPORT AND BUXTON HOSPITAL MANAGEMENT COMMITTEE****STOCKPORT INFIRMARY****Senior Pharmacist**

There is a vacancy for a Senior Pharmacist at the above hospital. Salary £650 p.a. to £830 p.a. Applications with full particulars to the Secretary, 59b Shaw Heath, Stockport. C 8203

**ST. ALBANS CITY HOSPITAL, NORMANDY ROAD, ST. ALBANS, HERTS (384 Beds)****Senior Pharmacist (Category III)**

A vacancy will occur in September at the above general Hospital within easy reach of Central London. Whitley Council salary and conditions. Applications stating age, qualifications and experience to the Chief Pharmacist. C 8160

**ST. LEONARD'S HOSPITAL, NUTTALL STREET, LONDON, N.1****Locum Pharmacist**

required immediately. Salary up to 16 gns. a week. Apply to Hospital Secretary. Telephone: Clerkenwell 2901. C 401

**ST. LEONARD'S HOSPITAL, NUTTALL STREET, LONDON, N.1****Senior Pharmacist**

Permanent post in modern department. Salary £650 to £830, plus appropriate London Weighting and high qualification allowance. Apply with details of age, training and experience to Hospital Secretary. C 400

**ST. MARK'S HOSPITAL, CITY ROAD, LONDON, E.C.1****Locum Pharmacist**

required for indefinite period commencing immediately. Salary £16 16s. per week. Write or telephone to Secretary (CLE. 8821). C 8200

**ST. LEONARD'S HOSPITAL, NUTTALL STREET, N.1****Locum Pharmacist**

required from 15th to 27th September. Salary 16 gns. per week. Applications to Chief Pharmacist. Tel.: Shoreditch 3311. C 410

**WEST MIDDLESEX HOSPITAL, ISLEWORTH, MIDDLESEX****Assistant-in-Dispensing**

required in Pharmaceutical Department for varied duties. Salary £395 per annum at age 22, rising to £520 (additional payment of £20 per annum for suitable qualification). Apply, giving names of two referees to the Chief Pharmacist. C 406

**WEST WALES HOSPITAL, MANAGEMENT COMMITTEE, GLANGWILI, CARMARTHEN****Pharmacist**

Applications are invited for the above post in the Group Pharmacy situated at the West Wales General Hospital, Carmarthen. Salary scale: £580 x £36 (5) to £760 x £25 (1) to £785. Terms and conditions of service in accordance with the recommendations of the Pharmaceutical Whitley Council. Applications, giving particulars of age, qualifications and experience, together with names and addresses of three referees to M. A. Ball, Group Secretary, West Wales H.M.C., Glangwili, Carmarthen. C 8162

**WEST MIDDLESEX HOSPITAL, ISLEWORTH, MIDDLESEX****Pharmacist**

for Main Pharmaceutical Department. Salary £580—£785 per annum, plus London Weighting. Whitley conditions and assimilation point in salary scale according to experience. Apply giving age, qualifications and experience, with names of referees to the Chief Pharmacist. C 405

**WINWICK AND NEWCHURCH HOSPITAL MANAGEMENT COMMITTEE****Senior Pharmacist**

Applications are invited for the post of Senior Pharmacist in the Group Pharmaceutical Department at Winwick Hospital (2,305 beds). Salary £650 x £30 (6)—£830. Also

**Locum Pharmacist**

required for any four consecutive weeks July/August. Salary 16 guineas per week. Applications giving date of birth, full particulars regarding qualifications, and experience together with names and addresses of two referees should be forwarded to the Secretary (Ref.: C & D/92), Winwick Hospital, Warrington. C 8185

**EDUCATIONAL****LONDON COLLEGE OF PHARMACY AND CHEMISTRY FOR WOMEN**

7 Westbourne Park Road, W.2

Established 1892

The only College in S.E. England teaching exclusively for the Assistants-in-Dispensing Examination of the Society of Apothecaries. Enrolling now for six months' full-time or 2-year part-time courses for Student Dispensers under 1956 Regulations. 83·3 per cent. Examination successes in 1957. C 404

**PUPILS****WARRINGTON AND DISTRICT HOSPITAL MANAGEMENT COMMITTEE, WARRINGTON GENERAL HOSPITAL****Post-Graduate Student**

Applications are invited for the above post at Warrington General Hospital. This post offers excellent opportunity for experience in all branches of pharmaceutical work.

Salary: £385 per annum.

Applications stating age, particulars of education, etc., should be sent to the undersigned, together with names of two referees.

HENRY L. BOOT,  
Group Secretary,

Warrington & District Hospital Management Committee  
c/o General Hospital,  
Lovely Lane,  
Warrington, Lancs.

C 8210

**SITUATIONS VACANT****RETAIL (HOME)****DISPENSING ASSISTANTS**

WOULD those wishing to take a course for the Apothecaries' Hall Certificate in Birmingham, please communicate with the Hon. Secretary, Apothecaries' Hall Dispensers' Association, Miss E. Tait, 307 Gillott Road, Edgbaston, Birmingham, 16. C 1622

**BIRMINGHAM, 18.** Pharmacist required to manage old-established family type branch business in working-class district. Accommodation (large flat) if required. Good salary, plus yearly bonus. Apply, in first instance by letter, to W. Beck & Son, Ltd., 124 Winson Green Road, Birmingham, 18. C 1610

**FRANCIS** the chemists, Wrexham, require pharmacist, lady or gentleman, for responsible post. Large supporting staff. Excellent salary offered to keen energetic type. Congenial working conditions and good prospects. C 1604

**NORTH LONDON.** Manager required for busy pharmacy with heavy dispensing connection. Good basic salary plus bonus based on net profit. Living accommodation suitable for a family man. If desired, an investment by way of shares can be taken up, either now or later. Excellent opportunity for keen and energetic pharmacist as the business, although already substantial from the standpoint of turnover, offers plenty of scope for further expansion. All replies treated in strict confidence. Box C 8081.

**OLDHAM CO-OPERATIVE CHEMISTS, LTD.**, invite applications for position of pharmacist branch manager. Accommodation, modern house made available, if necessary. Superannuation. Salary and other emoluments, £930. Applications, stating age, experience, etc., to Oldham Co-operative Chemists, Ltd., King Street, Oldham. C 388

**REQUIRED** immediately, a pharmacist to manage Pharmacy in Glamorganshire. Good salary, plus unfurnished flat. Phone Frobisher 2548, or write Box C 1608.

**RICHMOND, NEAR.** Assistant wanted for dispensary. Congenial post. State full particulars. Box C 1624.

**S.W.14.** Assistant wanted for counter, some experience essential. Box C 1623.

**WANTED IMMEDIATELY.** Manager (male/female) for branch pharmacy in model village near Doncaster. No rota duty. Flat in Doncaster available. Salary approx. £1,000. Applications with usual particulars to the Superintendent Chemist, Doncaster Co-operative Chemists, Ltd., P.O. Box 20, Doncaster. C 8180

**TIMOTHY WHITES,  
CHEMISTS,**

invite applications from students seeking post-graduate experience before registration with the Society. Vacancies in many parts of the country. Good conditions and remuneration. Sound professional and business method training. Opportunities for secure and lucrative careers in Retail Pharmacy. Apply giving all details and stating district desired to:

**Mr. A. Bailey, M.P.S., Timothy Whites & Taylors, Burley Hill, Leeds 4.**

**Mr. W. S. Stokes, M.P.S., Timothy Whites & Taylors, Allen House, 70 Vauxhall Bridge Road, London, S.W.1.**

C 8127

**RETAIL (OVERSEAS)**

**UNQUALIFIED** gentleman, experienced in Counter Management and staff control, required for pharmacy in the Copperbelt Northern Rhodesia. Passage paid out. Reply with full details to Box C 1600.

**WHOLESALE****ALLIED LABORATORIES LIMITED  
MEDICAL REPRESENTATIVES**

Owing to the continued growth of our Company, applications are invited for vacancies which exist on the following territories:

**West London,  
South Lancashire & Cheshire.  
Glasgow (North of River).**

These territories offer interesting and rewarding work for men with initiative and a keen sense of responsibility. Previous experience in representative work is desirable, but consideration will be given to men with a sound pharmaceutical and medical background. Candidates should hold a current driving licence and reside on the territory for which they apply. Remuneration is by salary, bonus and expenses. An attractive life assurance and pension scheme is also provided. A Company car is supplied and maintained. Applications, treated in strictest confidence should give full details of career to date and be addressed to the Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, London, W.I. C 411

**BEECHAM OVERSEAS LIMITED** have vacancies for Technical Assistants age 25/35. The successful applicants must be qualified chemists, pharmacists, or qualified chemical engineers and must have held a responsible position on production in a factory within the pharmaceutical or chemical industry and be experienced in modern production methods. The positions entail co-ordinating the technical activities of Overseas factories when necessary. Prolongs participation and non-contributory pension schemes in operation. Apply in writing only, giving full details of age, qualifications and experience, to Personnel Controller, Beecham Group Limited, Beecham House, Great West Road, Brentford, Middlesex. C 8196

**EXPORT MANAGER** required for large worldwide cosmetic manufacturers. Successful applicant will be required to travel and have knowledge of European markets and some languages and experience in the cosmetic business. Apply stating age, married or single and salary required. Box C 1621.

**CUXSON, GERRARD & CO., LTD.,  
OLDBURY**

require the services of two representatives to cover their interests to chemists in the following areas:

1. Cornwall, Devon, Dorset, Wilts, Somerset, Hampshire and Isle of Wight.
2. Yorkshire (East and West Riding), Lincolnshire, Nottinghamshire, Leicestershire, Northamptonshire, Rutlandshire.

Superannuation. Car provided. Applicants should reside on the territory. C 8211

**MEDICAL REPRESENTATIVE.** A specialist Life Insurance Company plans to extend its activities in the medical field which will create openings in London and certain provincial cities. Previous life assurance experience not essential as complete training, technical and practical, is given. Background knowledge of the medical/pharmaceutical market although not essential is very desirable. The position is pensionable with good salary and commission and provides the opportunity for unusually high earnings. Write in confidence giving full particulars to Box C 8190.

**MEDICAL REPRESENTATIVE**

required by Genatosan, Limited, a member of the Fison Group, for special assignments and occasional relief work but based on a territory consisting substantially of Hampshire, Berkshire and Oxfordshire. Applications are welcomed from pharmacists, medical auxiliaries and others who believe they have a suitable technical background coupled with a keen desire to succeed in this field. A comprehensive training programme is arranged.

This post is well remunerated and superannuated, a car is provided and all general expenses are adequately covered.

Applications stating age, education and career to date, should be addressed to the Personnel Officer, Genatosan Limited, Derby Road, Loughborough, Leics. Please quote reference No. 40. C 8198

**ORDER CLERKS.** The British Drug Houses, Ltd., require clerks with a sound knowledge of ethical and proprietary medicines for telephone order and pricing work. Applicants should have experience in the wholesale distribution trade. Five-day week. Canteen. Apply in writing stating age, experience and salary required to the Staff Manager, The British Drug Houses, Ltd., Graham Street, City Road, N.1. C 8205

**PHARMACIST**, age 30/40, to control important commercial service to hospitals. Must have knowledge of bacteriology and some commercial or hospital experience. Would be required to reside in Birmingham area. Box C 8199.

**REPRESENTATIVE** required with existing connection among retail chemists (London area) for entirely new product. Very large sales potential. Generous commission. Box C 8197.

**REPRESENTATIVE**, 25/40, required by wholesale chemists for established Midlands territory. This is a responsible post, and will be remunerated by salary, commission, and all expenses. Company's car provided. A pharmaceutical background is essential, and a connection in the Black Country area would be helpful. Full details, in confidence, to Box C 1620.

**SOUTHAMPTON.** Unqualified assistant (male) required for the wholesale and shipping department of an old-established company. A thorough knowledge of Ministry of Transport Shipping Seals No. 1 and 2 is desirable. The successful applicant will be required to go on board the ships in this port to meet the doctor for the purpose of checking medical requirements. Applications in writing giving full particulars, age, experience and salary required to: W. Bates & Co., Ltd., Unity Chambers, Latimer Street. C 1613

**PFIZER LTD**  
*are requiring a*  
**PHARMACEUTICAL  
 REPRESENTATIVE**  
**for Surrey/E. Sussex  
 (including S.W. London) area**

Applications are invited from young men under the age of 40 for the above appointment. The applicant will be required to call on dispensing chemists and should have a sound pharmaceutical knowledge and background. Good starting salary and expenses. Car provided. Non-contributory Pension Scheme.

*Applications, giving full particulars of age, experience etc., should be made in writing to*

**Personnel Officer,  
 137/139 Sandgate Road, Folkestone,  
 quoting reference E.6695.**

C 8208

**Situations Vacant—Continued**

**SOUTHERN WAREHOUSE** of large retail pharmaceutical organisation requires the services of a Pharmaceutical Chemist, man or woman, preferably with experience of multiple shop organisation, but not essential. Write Box C 8201.

**TEMPORARY POSTS** will shortly be available for Growers' Representatives and Assistant Chemists at sugar beet factories in Yorkshire, the Midlands and Eastern Counties, during the forthcoming season, normally from about mid-September until about mid-January. Applicants should possess qualifications in chemistry and particularly in sugar analysis. Basic salaries £12 10s. and £10 per week respectively, plus £10 end-of-season bonus. Increased scales offered to persons re-engaged for successive seasons. Applications, giving age, qualifications and experience should be submitted to the General Secretary, National Farmers' Union, Agriculture House, Knightsbridge, London, S.W.1.

C 8195

**WANTED:** Assistant lady or gentleman chemist with qualification or experience for the analysis of food and drugs in a factory in pleasant surroundings in the Watford district. Five-day week, canteen and recreation facilities. Please write giving all details and salary required to Box C 8148.

**SITUATIONS WANTED**  
**RETAIL HOME**

**NORTHERN IRELAND** pharmaceutical chemist seeks remunerative position as manager in England, preferably Southern Counties. Considerable managerial experience, qualified 1942, married with two children of school age. Wife, unqualified, capable of assisting in shop. Living accommodation essential. Box C 1618.

**WHOLESALE**

**EXPERIENCED** medical representative. Medical background, well known by doctors and specialists, particularly London area, requires position. Box C 1627.

**RIKER**

A vacancy for a pharmacist or chemist has arisen in the Analytical Control and Product Development Department of Riker Laboratories. The work will be varied and interesting because of the company's increasing research and development programme.

Applicants need to have some experience of this kind of work and the attractive remuneration (by salary and bonus) will naturally recognise this. The post offers the opportunity of joining a growing pharmaceutical organisation and will appeal to a man of initiative who wishes to widen his experience and to progress further in this field.

The Riker factory is situated in a pleasant market town within easy reach of Nottingham and Leicester. Apply in writing in the first instance to:—

THE WORKS MANAGER,  
**RIKER LABORATORIES LIMITED, LOUGHBOROUGH  
 C 8194**

*Now Available—A Modern Version of an Old Favourite*

**The Art** Completely re-written 1953  
**of Dispensing** Price 21/- (postage 1/4)

"The Art of Dispensing" is the most economical, complete and up-to-date manual dealing with the pharmacist's work at the dispensing counter. Explained in simple yet concise fashion, this book is a necessary part of the equipment of every dispensary. New ideas have been incorporated and scientific knowledge has been added to the art formerly based on skillful training during apprenticeship and from experience gained in pharmacies of international repute.

*Order from your Bookseller or direct from The Publisher:*  
**The CHEMIST AND DRUGGIST**

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**ALL STAFF**

As a result of the merger of the Delavelle group of Companies with Messrs. Potter & Moore, several competent members of the Delavelle staff will become redundant, and the Directors of all the Companies concerned are most anxious to place such personnel with other organisations in the trade, and would appreciate a letter or phone call from any interested parties.

Apply:—

Mr. C. A. Case,  
 c/o Delavelle (G.B.), Ltd.,  
 38-46 Orsman Road,  
 London, N.1.  
 Telephone: Shoreditch 8811

C 1625

**BUSINESS OPPORTUNITIES**

**REPUTABLE COMPANY** with excess capacity in new factory would be pleased to receive enquiries for manufacture and packing of pharmaceuticals and chemical products. Write Box C 1611.

**WANTED**

**BUYER** specialises in disposing of job lots of any lines appertaining to pharmacy. Any quantity considered. Prompt cash settlement. Willing to discuss adaptation of any line which is not quite suitable in its present state. Please send samples and full details to: N. Morris, 218 Walworth Road, S.E.17. Tel. No.: ROD 7261. C 395

**WANTED** Manesty Rotary machines, D3 or D3A and BB3—27 hole. Particulars, Box C 407.

**WE WILL PURCHASE** for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020 and 7692. C 140

Largest cash buyers of photographic equipment of every description, out-dated film and paper, etc.

**SPEARS**  
 (Dept. N.), 14 Watling Street, Shudehill,  
 Manchester  
 Phone: Blackfriars 1916  
 Bankers: Midland Bank, Ltd. C 374

**PREVENTIVE CAPSULES**, Ex. Govt. (Cyanide of Mercury and Calomel) wanted in large quantities for export. Details and price to Box C 8204.

**WANTED:** Original lines packed or unpacked suitable for introducing to hospitals and doctors. Box C 1578.

**MISCELLANEOUS SALES**

100 BAYS of brand new adjustable steel shelving, 72 in. high x 34 in. wide x 12 in. deep, stove-enamelled dark green. Sent unassembled, six-shelf bay, £3 15s. Sample delivered free. Quantity discounts. N. C. Brown, Ltd., Eagle Steelworks, Heywood, Lancs. Tel.: 69018 C 8121

**AVAILABLE** for disposal, approximately 112 lb. mag. carbonate, 160 lb. kaolin, 85 lb. white petroleum jelly, 210 lb. tegin (romas), 100 lb. isoeremic absorption base, 100 lb. lanolin anhydrous, 48 lb. titanium oxide. Abietan Mfg. Co., Carmichael Road, S.E.25. Add. 2261. C 1626

**MANUFACTURING CHEMISTS**, changing over to pre-packed drugs and galenicals, have stocks of winchesters, corbys, assorted drug bottles and jars, for disposal at greatly reduced prices to clear. Box C 8191.

**LITTO Preparations**

are now being manufactured by  
**VINES BIOCIN LTD.**  
222-224 HARROW ROAD, LONDON, W.2  
to whom all orders and enquiries should be addressed

PATCHOID, CREMARID  
SEBACOID, TINTAS,  
SPECIAL & STANDARD

**Miscellaneous Sales—Continued**

**SPRING GAY FASHION JEWELS**  
FREE LIST FROM  
L. FRANKENBERG, LTD.,  
37 HOUNDSITCH,  
LONDON, E.C.3

C 269

**MISCELLANEOUS**

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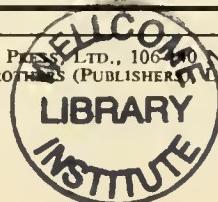
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